

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 17 / 02

Load # 155 Start 0000 End 0015 Dump 0425-0435

Location (lat/long, stations) / N 30°38' W 88°01' Tide Stage .71

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES, LT. AIRS, SEAS CALM

HOT/HUMID

Water Temp., Surface 86°F Below Mid-Depth 86°F

Are there incidents involving endangered or protected species? YES

(NO)

Note biological samples:

Port Draghead Ø Deflector OK

Stbd Draghead Ø Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft CLAY, WOOD, TRASH / NO BIO'S

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

SCREENING IS BEING CHECKED AFTER DUMP DUE TO HIGH WATER-
MATERIAL LEVEL IN HOPPER. NO OVERFLOW OF MATERIAL.

MATERIAL IS SILT, MUD AND CLAY

BOARDED SHIP ON 8/16 @ APPROX 0830 HRS. REPLACED G.B FRYE
SHIP AT DOCK. BROKE LINES @ APPROX 1500 HRS. ENROUTE (SLOWLY) TO
DIG SITE, WORKING OUT BUGS

Bridge Watch Summary

Species # of Animals Time / Location / Comments

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Observer(s) on duty BRET JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANTProject: MOBILE BAYDate: 08 / 17 / 02Load # 156 Start 0820 End 0840 Dump 1245-1340Location (lat/long, stations) Assignment # 5 / N 30° 38' W 88° 01' Tide Stage Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES; LT. AIRS; CALM WATERSHOT! MUGGYWater Temp., Surface 86°F Below Mid-Depth 86°FAre there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead WOOD, WIRE, MUDDeflector OKStarboard Draghead WOOD, MUDDeflector OKPort Inflow, Fore Mid Port Inflow, Aft Starboard Inflow, Fore Mid Starboard Inflow, Aft BASKET 3/4 FULL OF CLAY, WOOD, METAL, ASSTD TRASHPort Overflow, Primary Secondary Starboard Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

PULLING PINS IN BASKETS TO FLUSH OUT HEAVY CLAY LOAD

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 17 / 02

Lead # 157 Start 1850 End 1920 Dump 2240-2250

Location (lat/long, stations) 170400 TO 220400 Tide Stage .08

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES; WINDS NE 5-10K;

LT. CHOP ON WATER Water Temp., Surface 87° F Below Mid-Depth 80° F

Are there incidents involving endangered or protected species? YES

NO

Note biological samples:

Port Draghead WOOD, MUD, CLAY

Deflector OK

Star Draghead CRAB POT, CLAY, MUD

Deflector OK

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft _____

Star Inflow, Fore _____ Mid _____

Star Inflow, Aft CLAY, WOOD, METAL, TRASH, NO BIO'S

Port Overflow, Primary _____ Secondary _____

Star Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 18 / 02

Load # 158 Start 0215 End 0235 Dump 0615-0620

Location (lat/long, stations) 170+00 TO 220+00 Tide Stage 73

Weather (wind dir, beaufort, sea state, temp, etc.) _____

Water Temp., Surface 80°F Below Mid-Depth 80°F

Are there incidents involving endangered or protected species? YES

(NO)

Note biological samples:

Port Draghead MUD Deflector OK

Stbd Draghead MUD Deflector OK

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft _____ Mid _____

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft CLAY, WOOD, METAL, TRASH, NO BIO'S

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRET JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 18 / 02

Load # 159 Start 1000 End 1025 Dump 1350-1400

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage 1.5

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY; WINDS E/SE 10-15K;

LT. CHAS. W. H. 20 Water Temp., Surface 87° F Below Mid-Depth 80° F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead WUD Deflector OK

Stbd Draghead WHD Deflector SIC

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft WOOD, METAL, CLOTH, TRASH NO BIO'S /

Port Overflow, Primary _____ Secondary _____

Sibd Overflow, Primary. _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species

of Animals

Time / Location / Comments

[illegible]

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 13 / 02

Load #: 160 Start 1735 End 1805 Dump 2105-2115

Location (lat/long, stations) STATIONS 170 TO 220 Tide Stage .11

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLAYT; WINDS E/SE 10-15 K:

SEAS 1' CHOPPY Water Temp., Surface 88°F Below Mid-Depth 87°F

Are there incidents involving endangered or protected species? ☒ YES ☐ NO

Note biological samples:

Port Draghead CABLE, CRAB POT, MUD Deflector OK

Stbd Draghead ☒ Deflector ☒

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft

Stbd Inflow, Fore _____ Mid _____

Srbd Inflow, Aft CLAY, WOOD, TRASH

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary. / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 19 / 02

Load # 161 Start 0105 0040 End 0105 Dump 0430-0435

Location (lat/long, stations) STATIONS 170 TO 220 Tide Stage .35

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES, WIND ESE 5-10 K;

SEAS 1' Water Temp., Surface 88° Below Mid-Depth 88°

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead MUD Deflector OK

Stbd Draghead MUD Deflector OK

Port Inflow, Fore Mid

Port Inflow, Aft Mid

Stbd Inflow, Fore Mid

Stbd Inflow, Aft CLAY, TRASH, OYSTER SHELL + WHISK

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRET JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 19 / 02

Load # 162 Start 0735 End 0755 Dump 1115-1120

Location (lat/long, stations) STATIONS 170 TO 220 TO 220 TO 220 Tide Stage 1.62

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES, LT. AIRS, LT. CHOP

HOT/HUMID Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead MUD, CLAY, CABLE Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft CLAY, WOOD, METAL, FABRIC, TRASH, ETC - OYSTER SHELL TWIG

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 19 / 02

Load # 163 Start 1440 End 1505 Dump 1820-1830

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage .75

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY / HAZY; LT AIRS; SEAS CALM

SLIGHT SNEI Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead WOOD, CLAY Deflector OK

Stbd Draghead " " Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft CLAY, WOOD, TRASH, OYSTER SHELL + WHELL

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRET JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 19 / 02

Load # 10 W04 Start 2215 End 2240 Dump 08/20 0220-0225

Location (lat/long, stations) STATIONS 170100 TO 220100 Tide Stage 45

Weather (wind dir, beaufort, sea state, temp, etc.) P. cloudy, LT. AIRS; 1' swell

Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead WOOD, CRAB POT, CABLE, MUD, CLAY Deflector OIL

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, CLAY, TRASH, OYSTER SHELL + WHOLE

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

SLAY IN MAINE 207 733 2014

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 20 / 02

Load # 11 WBS Start 0525 End 0550 Dump 0910-0915

Location (lat/long, stations) STATIONS 170 TO 220 TO Tide Stage 92

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES, LT. AIRS, 4 SWELL OFFSHORE

LT. CHOP INLAND Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES

NO

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft WOOD, CLAY, TRASH, OYSTER, WHOLE, ASTO SHELL

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on duty BRETT JOHANSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 20 / 02

Load # 12 ~~1000~~ Start 1235 End 1300 Dump 1615-1620

Location (lat/long, stations) STATIONS 170100 TO 220100 Tide Stage 1.44

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead MUD, CLAY Deflector _____

Stbd Draghead MUD, CLAY, CRAB POT, WOOD Deflector _____

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft CLAY, WOOD, TRASH, ASST'S SHELL

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 20 / 02

Load # 13 Start 2000 End 2020 Dump 2350-2355

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage .95

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES, LT. AIRS, CALM SEAS

Water Temp., Surface 88° Below Mid-Depth 88°

Are there incidents involving endangered or protected species? ☒ YES ☐ NO

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead *MUD, CLAY* Deflector *OK*

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____ Mid _____

Subd Inflow, Aft WOOD, PLAST, CLAY

Port Overflow, Primary	Secondary
<p>1. <u>100</u></p> <p>2. <u>100</u></p> <p>3. <u>100</u></p> <p>4. <u>100</u></p> <p>5. <u>100</u></p> <p>6. <u>100</u></p> <p>7. <u>100</u></p> <p>8. <u>100</u></p> <p>9. <u>100</u></p> <p>10. <u>100</u></p> <p>11. <u>100</u></p> <p>12. <u>100</u></p> <p>13. <u>100</u></p> <p>14. <u>100</u></p> <p>15. <u>100</u></p> <p>16. <u>100</u></p> <p>17. <u>100</u></p> <p>18. <u>100</u></p> <p>19. <u>100</u></p> <p>20. <u>100</u></p> <p>21. <u>100</u></p> <p>22. <u>100</u></p> <p>23. <u>100</u></p> <p>24. <u>100</u></p> <p>25. <u>100</u></p> <p>26. <u>100</u></p> <p>27. <u>100</u></p> <p>28. <u>100</u></p> <p>29. <u>100</u></p> <p>30. <u>100</u></p> <p>31. <u>100</u></p> <p>32. <u>100</u></p> <p>33. <u>100</u></p> <p>34. <u>100</u></p> <p>35. <u>100</u></p> <p>36. <u>100</u></p> <p>37. <u>100</u></p> <p>38. <u>100</u></p> <p>39. <u>100</u></p> <p>40. <u>100</u></p> <p>41. <u>100</u></p> <p>42. <u>100</u></p> <p>43. <u>100</u></p> <p>44. <u>100</u></p> <p>45. <u>100</u></p> <p>46. <u>100</u></p> <p>47. <u>100</u></p> <p>48. <u>100</u></p> <p>49. <u>100</u></p> <p>50. <u>100</u></p> <p>51. <u>100</u></p> <p>52. <u>100</u></p> <p>53. <u>100</u></p> <p>54. <u>100</u></p> <p>55. <u>100</u></p> <p>56. <u>100</u></p> <p>57. <u>100</u></p> <p>58. <u>100</u></p> <p>59. <u>100</u></p> <p>60. <u>100</u></p> <p>61. <u>100</u></p> <p>62. <u>100</u></p> <p>63. <u>100</u></p> <p>64. <u>100</u></p> <p>65. <u>100</u></p> <p>66. <u>100</u></p> <p>67. <u>100</u></p> <p>68. <u>100</u></p> <p>69. <u>100</u></p> <p>70. <u>100</u></p> <p>71. <u>100</u></p> <p>72. <u>100</u></p> <p>73. <u>100</u></p> <p>74. <u>100</u></p> <p>75. <u>100</u></p> <p>76. <u>100</u></p> <p>77. <u>100</u></p> <p>78. <u>100</u></p> <p>79. <u>100</u></p> <p>80. <u>100</u></p> <p>81. <u>100</u></p> <p>82. <u>100</u></p> <p>83. <u>100</u></p> <p>84. <u>100</u></p> <p>85. <u>100</u></p> <p>86. <u>100</u></p> <p>87. <u>100</u></p> <p>88. <u>100</u></p> <p>89. <u>100</u></p> <p>90. <u>100</u></p> <p>91. <u>100</u></p> <p>92. <u>100</u></p> <p>93. <u>100</u></p> <p>94. <u>100</u></p> <p>95. <u>100</u></p> <p>96. <u>100</u></p> <p>97. <u>100</u></p> <p>98. <u>100</u></p> <p>99. <u>100</u></p> <p>100. <u>100</u></p>	<p>1. <u>100</u></p> <p>2. <u>100</u></p> <p>3. <u>100</u></p> <p>4. <u>100</u></p> <p>5. <u>100</u></p> <p>6. <u>100</u></p> <p>7. <u>100</u></p> <p>8. <u>100</u></p> <p>9. <u>100</u></p> <p>10. <u>100</u></p> <p>11. <u>100</u></p> <p>12. <u>100</u></p> <p>13. <u>100</u></p> <p>14. <u>100</u></p> <p>15. <u>100</u></p> <p>16. <u>100</u></p> <p>17. <u>100</u></p> <p>18. <u>100</u></p> <p>19. <u>100</u></p> <p>20. <u>100</u></p> <p>21. <u>100</u></p> <p>22. <u>100</u></p> <p>23. <u>100</u></p> <p>24. <u>100</u></p> <p>25. <u>100</u></p> <p>26. <u>100</u></p> <p>27. <u>100</u></p> <p>28. <u>100</u></p> <p>29. <u>100</u></p> <p>30. <u>100</u></p> <p>31. <u>100</u></p> <p>32. <u>100</u></p> <p>33. <u>100</u></p> <p>34. <u>100</u></p> <p>35. <u>100</u></p> <p>36. <u>100</u></p> <p>37. <u>100</u></p> <p>38. <u>100</u></p> <p>39. <u>100</u></p> <p>40. <u>100</u></p> <p>41. <u>100</u></p> <p>42. <u>100</u></p> <p>43. <u>100</u></p> <p>44. <u>100</u></p> <p>45. <u>100</u></p> <p>46. <u>100</u></p> <p>47. <u>100</u></p> <p>48. <u>100</u></p> <p>49. <u>100</u></p> <p>50. <u>100</u></p> <p>51. <u>100</u></p> <p>52. <u>100</u></p> <p>53. <u>100</u></p> <p>54. <u>100</u></p> <p>55. <u>100</u></p> <p>56. <u>100</u></p> <p>57. <u>100</u></p> <p>58. <u>100</u></p> <p>59. <u>100</u></p> <p>60. <u>100</u></p> <p>61. <u>100</u></p> <p>62. <u>100</u></p> <p>63. <u>100</u></p> <p>64. <u>100</u></p> <p>65. <u>100</u></p> <p>66. <u>100</u></p> <p>67. <u>100</u></p> <p>68. <u>100</u></p> <p>69. <u>100</u></p> <p>70. <u>100</u></p> <p>71. <u>100</u></p> <p>72. <u>100</u></p> <p>73. <u>100</u></p> <p>74. <u>100</u></p> <p>75. <u>100</u></p> <p>76. <u>100</u></p> <p>77. <u>100</u></p> <p>78. <u>100</u></p> <p>79. <u>100</u></p> <p>80. <u>100</u></p> <p>81. <u>100</u></p> <p>82. <u>100</u></p> <p>83. <u>100</u></p> <p>84. <u>100</u></p> <p>85. <u>100</u></p> <p>86. <u>100</u></p> <p>87. <u>100</u></p> <p>88. <u>100</u></p> <p>89. <u>100</u></p> <p>90. <u>100</u></p> <p>91. <u>100</u></p> <p>92. <u>100</u></p> <p>93. <u>100</u></p> <p>94. <u>100</u></p> <p>95. <u>100</u></p> <p>96. <u>100</u></p> <p>97. <u>100</u></p> <p>98. <u>100</u></p> <p>99. <u>100</u></p> <p>100. <u>100</u></p>

Stbd Overflow, Primary. _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 21 / 02

Load # 14 Start 0330 End 0345 Dump 0745-0750

Location (lat/long, stations) STATIONS 170100 TO 220100 Tide Stage .40

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES, LT. AIRS, CALM SEAS

HOT/HUMID Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead " Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 21 / 02

Load # 15 Start 1115 End 1140 Dump 1455-1500

Location (lat/long, stations) STATIONS 170 to 220 Tide Stage 1.6

Weather (wind dir, beaufort, sea state, temp, etc.) P. Cloudy / LT. RAIN; WINDS ESE 10-15K;

SEAS CALM TO LT. CHOP / (HST) Water Temp., Surface 88°F Below Mid-Depth 88°F
(Hurd)

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead MUD. CLAY Deflector OK

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft

Subd Inflow, Fore	Mid
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Subd Inflow, Aft WOOD, CLAY, TRASH

Port Overflow, Primary _____ Secondary _____

Sub Overflow, Primary. Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 21 / 02

Load # 16 Start 1830 End 1900 Dump 2220-2225

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage 2

Weather (wind dir, beaufort, sea state, temp, etc.) P.CLOUDY; WINDS ESE 10-15K; SEAS 1'

CHOPPY; HOT/HUMID Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead MUD, CLAY, CABLE Deflector OK

Stbd Draghead MUD, CLAY Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, CLAY, TRASH, FEW B.O'S

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

S.O.S

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRET JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 22 / 02

Load # 17 Start 0130 End 0155 Dump 0515-0520

Location (lat/long, stations) STATIONS 170 too TO 220 too Tide Stage - 0.05

Weather (wind dir, beaufort, sea state, temp, etc.) P. cloudy; LT AIRS; LT chop

पुनः

Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead W.D. CLAY Deflector OK

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft

Stbd Inflow, Fore _____ Mid _____

Strbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Std Overflow, Primary. Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 22 / 02

Load # 18 Start 0825 End 0850 Dump 1215-1220

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage 1.12

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY; LT. RAIN; LT. AIRS

LT CHDP Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES

NO

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead _____ Deflector OK

Port Inflow, Fore	Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Strbd Inflow, AA METAL, WOOD, CLAY, TRASH, LT BIO'S

Port Overflow, Primary _____ Secondary _____

Sibd Overflow, Primary. / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 22 / 02

Load #: 19 Start 1720 End 1745 Dump 2100-2105

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY; LT. A.R.S.; LT CHOP

Hot / Muddy What's New Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES

Note biological samples:

Port Draghead	CRAB POT, MUD, CLAY	Deflector	OK
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Stbd Draghead MUD, CLAY Deflector OK

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft

Stbd Inflow, Fore _____ Mid _____

Strbd Inflow, Aft WOOD, METAL, CLOTH, TRASH FEW B.O'S

Port Overflow, Primary _____ Secondary _____

Sibd Overflow, Primary. Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 8 / 23 / 02

Load # 20 Start 0105 End 0130 Dump 0500-0505

Location (lat/long, stations) STATIONS 170T00 TO 220T00 Tide Stage .01

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR, LT. AIRS, LT. CHOP.

H01 Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead " Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, METAL, RASH, CLAY, FEW B.O'S

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>
<hr/>	<hr/>	<hr/>

Observer(s) on duty BRET JAWSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 23 / 02

Load # 21 Start 0825 End 0845 Dump (215-1220)

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage .82

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES; LT. AIRS; LT. CHOP

HOTAS S.C. FIRECRACKER Water Temp., Surface 89°F Below Mid-Depth 89°F

Are there incidents involving endangered or protected species? YES

(NO)

Note biological samples:

Port Draghead MUD, CLAY

Deflector OK

Stbd Draghead " "

Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, METAL, PLASTIC

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 23 / 02

Load # 22 Start 1645 End 1710 Dump 2040-2045

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage .94

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES, LT. AIRS, LT CHOP

Water Temp., Surface 89°F Below Mid-Depth 89°F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead MUD, CLAY, SHRIMP NET Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft CLAY, WOOD, TRASH

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

OPEN REMOVED PINS +
FLUSHED BOX

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 24 / 02

Load # 23 Start 0035 End 0100 Dump 0430-0435

Location (lat/long, stations) STATIONS 170100 TO 220100 Tide Stage .15

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES; LT. AIRS; CALM

Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead ✓ Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft MUD, CLAY, TRASH, FEW OLD SHELL

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 24 / 02

Load # 24 Start 0740 End 0805 Dump 1200-1205

Location (lat/long, stations) STATIONS 170700 TO 220700 Tide Stage .61

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY; WINDS SE 5-10K; SEAS LT. CHOP

HOT

Water Temp., Surface 89 F Below Mid-Depth 89 F

Are there incidents involving endangered or protected species? YES

NO

Note biological samples:

Port Draghead MUD, CLAY, WOOD

Deflector OK

Stbd Draghead -

Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft MUD, CLAY, TRASH

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 24 / 02

Load # 25 Start 1530 End 1555 Dump R20-1925

Location (lat/long, stations) STATIONS 170100 TO 220100 Tide Stage .50

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY; WINDS SE 5-10 K; SEAS CT
CHOL TO 7 FT. HWT Water Temp., Surface 89°F Below Mid-Depth 89°F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead MUD, CLAY WOODS Deflector OK

Stbd Draghead " Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: M-BILE BAY

Date: 08 / 25 / 02

Load # 24 Start 2245 End 2310 Dump 0225-0230

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage .07

Weather (wind dir, beaufort, sea state, temp, etc.) clear skies, lt. airs, calm

Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead MUD CLAY Deflector OK

Stbd Draghead " " Wagon Deflector OK

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft _____

Stbd Inflow, Fore	Mid
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Stbd Inflow, Aft

Port Overflow, Primary	Secondary
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
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94	94
95	95
96	96
97	97
98	98
99	99
100	100

Stbd Overflow, Primary. Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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[illegible]

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 25 / 02

Load # 27 Start 0540 End 0606 Dump 1000-1005

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage .54

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLADY; WINDS VAR. 10-15 K; SEAS 2'

Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead MUD, CLAY, WOOD Deflector OK

Stbd Draghead ~ Deflector OK

Port Inflow, Fore ~ Mid ~

Port Inflow, Aft ~

Stbd Inflow, Fore ~ Mid ~

Stbd Inflow, Aft WOOD, METAL, TRASH, FEW BIO'S

Port Overflow, Primary ~ Secondary ~

Stbd Overflow, Primary ~ Secondary ~

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on duty BRET JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 25 / 02

Load # 28 Start 1345 End 1410 Dump 1730-1735

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage .36

Weather (wind dir, beaufort, sea state, temp, etc.) CLOUDY/LT. RAIN; WINDS VAR TO 20K; SEAS
CHOPPY 1' SWELL Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead MUD, CLAY, WOOD Deflector OK

Stbd Draghead " " Deflector OK

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft _____

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft WOOD, TRASH

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on duty BRET JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 26 / 02

Load # 29 Start 2050 End 2125 Dump 0100-0105

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY; LT. AIRS; LT CHOP

Water Temp.. Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead MUD, CLAY, WOOD Deflector OK

Stbd Draghead " " Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, METAL, TRASH

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty BRET JOHNSON

Dredge: STUYVESANT
Project: MOBILE BAY
Date: 08 / 26 / 02

Are there incidents involving endangered or protected species? YES NO

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08/26/02

Load # 31 Start 1000 1155 End 1230 Dump 1620-1625

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage -5

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY; WINDS LT.; SEAS LT-CHOP

HOT/HUMID Water Temp., Surface 89°F Below Mid-Depth 89°F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead MUD, CLAY, WOOD Deflector OK

Stbd Draghead MUD, CLAY, WOOD, CRAB POT Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, CLAY, TRASH

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 26 / 02

Load # 32 Start 1930 End 2000 Dump 2320-2325

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage .64

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY / LT. RAIN -; WINDS VAR; SEAS LT

CHOP; 14kts Water Temp., Surface 89°F Below Mid-Depth 89°F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead " " Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, CLAY, TRASH

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 27 / 02

Load # 33 Start 0240 End 0320 Dump 0646-0645

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage .42

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES; LT. AIRS; LT. CHOP

Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species?

YES

(NO)

Note biological samples:

Port Draghead MUD, CLAY, CABLE, NET, TIRE Deflector OK

Stbd Draghead MUD, CLAY, WOOD Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft CLAY, WOOD, TRASH NO BIO'S

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 27 / 02

Load # 34 Start 1000 End 1055 Dump 1430-1438

Location (lat/long, stations) STATIONS 170T00 TO 220T00 Tide Stage LOW

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES, LT. AIRS; CALM SEAS

HOT / HUMID Water Temp., Surface 89°F Below Mid-Depth 89°F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead MUD, CLAY Deflector OK

Stbd Draghead MUD, CLAY Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, CLAY, TRASH NO BIO'S

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 27 / 02

Load # 35 Start 1800 End 1825 Dump 2155-2200

Location (lat/long, stations) STATIONS 170100 TO 220100 Tide Stage .56

Weather (wind dir, beaufort, sea state, temp, etc.) OVERCAST / LT. RAIN; WINDS LIGHT; SEAS

LT. CHOP Water Temp., Surface 89°F Below Mid-Depth 89°F

Are there incidents involving endangered or protected species? YES ☐ NO ☒

Note biological samples:

Port Draghead MUD, CLAY, WOOD Deflector OK

Stbd Draghead MUD, CLAY, WOOD, CABLE Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BETTY JOHNSON

Dredge: STUYVESANT

Date: 08/28/02

Water Temp., Surface 88°F Below Mid-Depth 88°F

[illegible]

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____

Observer(s) on duty BRET JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 28 / 02

Load # 37 Start 0855 End 0940 Dump 1305-1310

Location (lat/long, stations) STATIONS 170+00 TO 220+00 Tide Stage .22

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY LT. AIRS; SEAS CALM

HOT / MUGGY Water Temp., Surface 89°F Below Mid-Depth 89°F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead MUD, CLAY, WOOD Deflector OK

Stbd Draghead -- Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, CLAY, TRASH, NO BIG'S

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08/28/02

Load # 38 Start 1625 End 1705 Dump 1955-2000

Location (lat/long, stations) 700+00 TO 750+00 N 30°29' W 88°01' Tide Stage .33

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY; LT. AIRS. CALM SEAS

HOT! Water Temp., Surface 89°F Below Mid-Depth 89°F

Are there incidents involving endangered or protected species?

YES

(NO)

Note biological samples:

Port Draghead MUD, CLAY, CABLE Deflector OK

Stbd Draghead MUD, CLAY, WOOD, CRAB POT, NET Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft MUD, CLAY, TRASH

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

SWITCHED STATIONS IT'S

2HR 30 MIN DUMP TO DIG SITE

40 MIN DIG

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 29 / 02

Load # ~~18~~ 39 Start 2230 End 2305 Dump 0140-0145
 Location (lat/long, stations) 700 +00 TO 750 +00 Tide Stage 83
 Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY / SHIMMERS; LT. AIRS - LT SEAS
 Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead MUD, CLAY, WOOD Deflector OK
 Stbd Draghead " Deflector OK
 Port Inflow, Fore / Mid /
 Port Inflow, Aft /
 Stbd Inflow, Fore / Mid /
 Stbd Inflow, Aft WOOD, TRASH, RUBBISH
 Port Overflow, Primary / Secondary /
 Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRENNAN

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 29 / 02

Load # ~~39~~ 40 Start 0415 End 0455 Dump 0725-0730

Location (lat/long, stations) STATIONS 700 TO 750 TO Tide Stage .83

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES; LT. AIRS; CALM SEAS

Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead MUD, CLAY, WOOD, CABLE Deflector OK

Stbd Draghead " Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, CLAY, TRASH

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 29 / 02

Load # 41 Start 1020 End 1050 Dump 1325-1330

Location (lat/long, stations) STATIONS 700TDD TO 750TDD Tide Stage .13

Weather (wind dir, beaufort, sea state, temp, etc.) CLEAR SKIES, LT. AIRS, CALM SEAS

Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead MUD, CLAY, WOOD Deflector OK

Stbd Draghead " " Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 29 / 02

Load # 42 Start 1540 End 1610 Dump 1850

Location (lat/long, stations) STATIONS 700 TO 750 TO 750 TO Tide Stage .14

Weather (wind dir, beaufort, sea state, temp, etc.) PCLOUDY; LT. AIRS; LT. CHOP

Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead MUD, CRAB POT Deflector OK

Stbd Draghead " " Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, TRASH, PLASTIC, OYSTER SHELL

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08/29/02

08/30

Load # 43 Start 2115 End 2150 Dump 0025-0030

Location (lat/long, stations) STATIONS 700 TO 750 + 00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY; WINDS VAR TO 15 K; SEAS 3 FT.

CHOPPY Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead MUD, CLAY, WOOD Deflector AL

Stbd Draghead MUD, WOOD Deflector AL

Port Inflow, Fore Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft WOOD, TRASH, OYSTER SHAL

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRET JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 30 / 02

Load # 44

Start 0300

End 0335

Dump 6610. 0615

7 Location (lat/long, stations) P. CLOUDY; WINDS VAR. TO 10K Tide Stage .95

Weather (wind dir, beaufort, sea state, temp, etc.) 700 to 750 to

SEAS 1 FT. CHOPPY Water Temp., Surface 88°F Below Mid-Depth 80°F

Are there incidents involving endangered or protected species? **YES**

YES

NO

Note biological samples:

Port Draghead MUD, CLAY, WOOD

Deflector al

Stbd Draghead _____

Deflector al

Port Inflow, Fore

Mid

Port Inflow, Aft

Stbd Inflow, Fore

Stbd Inflow. Aft MUD, CLAY, WOOD, TRASH

Port Overflow, Primary 1

Secondary

Stbd Overflow. Primary ✓

Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species

of Animals

Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 30 / 02

Load # 45 Start 0855 End 0925 Dump 1225-1230

Location (lat/long, stations) STATIONS 700100 TO 750100 Tide Stage .56

Weather (wind dir, beaufort, sea state, temp, etc.) P. CLOUDY; WINDS VARIABLE 10-15K; SEAS 1FT. CHOPPY Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead MUD, CLAY, WOOD Deflector OK

Stbd Draghead " Deflector OK

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft MUD, CLAY, WOOD, TRASH, OYSTER SHELL

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty BRETT JOHNSON

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 08 / 30 / 02

Load # 46 Start 1445 End 1510 Dump 175

Location (lat/long, stations) STATIONS 700+00 TO 750+00 Tide Stage -1

Weather (wind dir, beaufort, sea state, temp, etc.) P. cloudy, WINDS VAR. TO 15 K; SEAS 1 FT

AND CHERRY Water Temp., Surface 88°F Below Mid-Depth 88°F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead OK Deflector /

Stbd Draghead u Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft / Mid /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft Oyster shell, 1 EEL, wood, clay trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty S. Knight

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Stuyvesant

Project: Mobile, AL

Date: 8 1 30 102

Load # 47 Start 2050 End 2050 Dump 2330

Location (lat/long, stations) Stations 700+00 - 750+00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, winds 5-15 kt, SEAS 1-2

Water Temp., Surface 88° Below Mid-Depth 88°

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Mud, wood Deflector /

Stbd Draghead 4 Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, Trash, mud

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>/</u>	<u>/</u>	<u>/</u>
<u>/</u>	<u>/</u>	<u>/</u>
<u>/</u>	<u>/</u>	<u>/</u>

Observer(s) on duty S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE, AL

Date: 8 131 102

Load # 48 Start 0200 End 0240 Dump 0515

Location (lat/long, stations) 700+00 - 750+00 Tide Stage 1.0

Weather (wind dir, beaufort, sea state, temp, etc.) RAIN, Wind 15 kts SEAS 2'

Water Temp., Surface 88 Below Mid-Depth 88

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead wood, trash Deflector /

Stbd Draghead / Deflector /

Port Inflow. Fore / Mid /

Port Inflow. Aft /

Stbd Inflow. Fore / Mid /

Stbd Inflow. Aft Mud, trash, wood

Port Overflow. Primary / Secondary /

Stbd Overflow. Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species

of Animals

Time / Location / Comments

<u>/</u>	<u>/</u>	<u>/</u>
<u>/</u>	<u>/</u>	<u>/</u>
<u>/</u>	<u>/</u>	<u>/</u>

Observer(s) on duty

S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 8 1 31 102

Load # 49 Start 0740 End 0830 Dump 1110

Location (lat/long, stations) stations 700+00 - 750+00 Tide Stage 1.3

Weather (wind dir, beaufort, sea state, temp, etc.) W, PL, E Wind 15-20, SEAS 2-3

Water Temp., Surface 88 Below Mid-Depth 88

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead wood Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, clay, rock, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>/</u>	<u>/</u>	<u>/</u>
<u>/</u>	<u>/</u>	<u>/</u>
<u>/</u>	<u>/</u>	<u>/</u>

Observer(s) on duty S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STYVDESANT

Project: MOBILE BAY, AL

Date: 8 13 / 1 02

Load # 50 Start 1335 End 1405 Dump 1640

Location (lat/long, stations) Station 700+00 - 750+00 Tide Stage .10

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, E WIND VAR → 20, SEAS 3'

Water Temp., Surface 88 Below Mid-Depth 88

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead wood Deflector /

Stbd Draghead clear Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft trash, wood

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>/</u>	<u>/</u>	<u>/</u>
<u>/</u>	<u>/</u>	<u>/</u>
<u>/</u>	<u>/</u>	<u>/</u>

Observer(s) on duty S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 8/31/02

Load # 51 Start 1900 End 1930 Dump 2210

Location (lat/long, stations) stations 700+00 - 750+00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, SE wind 15, seas 2-3

Water Temp., Surface 88 Below Mid-Depth 88 °F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead wood, clay Deflector /

Stbd Draghead " " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft Cable, wood, trash, oyster shell

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>/</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty S. KNIGHT

5. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 1 / 02

Load # 53 Start 0630 End 0716 Dump 0950

Location (lat/long, stations) stations 700+00 - 750+00 Tide Stage 1.3

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, E wind 10-20, SEAS 2-3

Water Temp.. Surface 88 °F Below Mid-Depth 88 °F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead wood Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft Wood Trash Shell

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

- Pins pulled

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>TE</u>	<u>2</u>	<u>0720 in channel in work area</u>

Observer(s) on duty STACIE KNIGHT

S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 1 / 02

Load # 55 Start 1805 End 1915 Dump 2205

Location (lat/long, stations) stations 700 to 750 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, NE wind 15, SEAS 3'

Water Temp.. Surface 88 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clear Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore Mid Wood & Trash Mid /

Stbd Inflow, Aft " "

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 2 / 02

Load # 56 Start 0030 End 0630 Dump 0415

Location (lat/long, stations) stations 700+00 - 750+00 Tide Stage 1.57

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, NE wind VAR 20, SEAS 2-3

Water Temp., Surface 87 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead wood Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore ^{Mid} wood, shell, trash Mid /

Stbd Inflow, Aft " "

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 2 / 02

Load # 58 Start 1225 End 1305 Dump 1545

Location (lat/long. stations) stations 700+0-750+00 Tide Stage 1.02

Weather (wind dir. beaufort, sea state, temp, etc.) RAIN, NE Wind 15, SEAS 2-3

Water Temp., Surface 87 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Wood Deflector /

Stbd Draghead clay - trash Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft. _____

Stbd Inflow, ^{Mid} Fore clay, shell, trash, wood Mid 1

Stbd Inflow, Alt _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty: STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 12 102

Load # 59 Start 1810 End 1905 Dump 2145

Location (lat/long, stations) stations 700 to 750 Tide Stage .08

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, RAIN, NE wind 10-15,

SEAS 2-3 Water Temp.. Surface 87 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead wood Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore Mud, Trash, Rope, CRAB Traps, ERMIE Mid /

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 3 / 02

Load # 60 Start 0010 End 0115 Dump 0325

Location (lat/long, stations) stations 700+00 - 750+00 Tide Stage .58

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, NE wind 15-20, SEAS 2-3

Water Temp.. Surface 87 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore Mid wood, shell Mid /

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<hr/>	<hr/>	<hr/>
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<hr/>	<hr/>	<hr/>

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 3 / 02

Load # 61 Start 0610 End 0710 Dump 0945

Location (lat/long, stations) stations 700+00 - 750+00 Tide Stage 1.69

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, RAIN, NE wind 5-15, SEAS 2'

Water Temp., Surface 88 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead dk Deflector /

Stbd Draghead Trash Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore Mid wood, trash Mid /

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 3 / 02

Load # 62 Start 1155 End 1225 Dump 1530

Location (lat/long, stations) stations 775+00 - 825+00 30°28', 88°00' Tide Stage 1.53

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, NNE Wind 10, SEAS 2

Water Temp.. Surface 87 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead Clear Deflector /

Stbd Draghead Mud Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore Mud wood, trash, too Mid /

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>TE</u>	<u>2</u>	<u>1255 30°25', 88°00' Buoy 40</u>

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 9/3/02

Load # 63 Start 1835 End 1925 Dump 2200

Location (lat/long, stations) Stations 71500 - 82500 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, NE wind 5, SEAS 1-2

Water Temp., Surface 87 Below Mid-Depth 87

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Trash Deflector /

Stbd Draghead clear Deflector

Port Inflow, Fore / Mid

Port Inflow, Aft /

Stbd Inflow, ~~Fore~~ ^{Mid} wood, trash Mid

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty S. KNIGHT

Observer(s) on duty S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 4 / 02

Load # 65 Start 0645 End 0745 Dump 1020

Location (lat/long, stations) stations 775+00 - 825+00 Tide Stage 1.63

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, NEWIND 10, SEAS 1-2

Water Temp., Surface °F Below Mid-Depth °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead ROPE Deflector /

Stbd Draghead TRASH Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, oyster shell

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Tt</u>	<u>3</u>	<u>1225 30°24', 88°01' IN Channel</u>

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 4 / 02

Load # 66 Start 1305 End 1355 Dump 1620

Location (lat/long, stations) stations 77500 - 82500 Tide Stage 1.66

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, 14 wind, SEAS 1-2

Water Temp., Surface 88 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clay Deflector /

Stbd Draghead clay Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood & trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 4 / 02

Load # 67 Start 1855 End 1945 Dump 2210

Location (lat/long, stations) stations 775 to 825 Tide Stage .31

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, 60-11

Water Temp., Surface 98 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead / Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

MINIMAL DEBRIS

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 15 102

Load # 68 Start 0030 End 0125 Dump 0345

Location (lat/long, stations) stations 775+00 - 825+00 Tide Stage 22

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, winds, SEAS

Water Temp., Surface 88 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead clay Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft Wood

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time	Location / Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 5 / 02

Load # 086 69 Start 0545 End 0650 Dump 0940

Location (lat/long, stations) stations 77500 - 82500 Tide Stage 1.1

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, E wind 5k, SEAS 1-3

Water Temp.. Surface 88 °F Below Mid-Depth 88 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead TRASH Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft TRASH WOOD

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 5 / 02

Load # 70 Start 121 End 1310 Dump 1530

Location (lat/long, stations) stations 78500 - 82500 ^{30 33} Tide Stage 1.81

Weather (wind dir, beaufort, sea state, temp, etc.) Cloudy, NE wind 5, SEA 1-3

Water Temp.. Surface 87 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft WOOD, TRASH

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 5 / 02

Load # 71 Start 1815 End 1845 Dump 2130

Location (lat/long. stations) stations 480+00 - 530+00 Tide Stage 125

Weather (wind dir. beaufort, sea state, temp. etc.) cloudy, 16 wind, ~~EAS~~ calm

Water Temp.. Surface °F Below Mid-Depth °F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead u Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft Trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

Dredge: STUYVESANT
Project: MOBILE BAY, AL
Date: 9 16 03

Are there incidents involving endangered or protected species? YES ☒ NO ☐

Port Draghead Clear Deflector /
Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft 1

Subd Inflow, Fore	Mid
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
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93	93
94	94
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96	96
97	97
98	98
99	99
100	100

Stbd Inflow. Alt Wood

Port Overflow, Primary _____ Secondary _____

Std Overflow, Primary: 1 Secondary: 1

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Species	# of Animals	Time	Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 7 / 02

Load # 73 Start 2255 End 2325 Dump 0234

Location (lat/long, stations) stations 480+00 - 530+00 Tide Stage .78

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, RAIN, E wind -> 25, SEA 4-5

Water Temp.. Surface 86 °F Below Mid-Depth 86 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft clear

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty STACIE KNIGHT

(Observer(s) on duty) STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 7 / 02

Load # 101 75 Start 1346 End 1320 Dump 1618

Location (lat/long, stations) stations 480+00 - 530+00 Tide Stage 2.44

Weather (wind dir, beaufort, sea state, temp, etc.) RAIN, E wind 20-25, SEAS 6-8

Water Temp.. Surface 87 °F Below Mid-Depth 87 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead clear Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty STACIE KNIGHT

(Observer(s) on duty: STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 8 / 02

Load # 77 Start 0146 End 0218 Dump 0522

Location (lat/long, stations) stations 480+00 -530+00 Tide Stage .91

Weather (wind dir, beaufort, sea state, temp, etc.) RAIN, E Wind 15-20, SEAS 6

Water Temp., Surface 87 °F Below Mid-Depth 86 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead CABLE Deflector /

Stbd Draghead Clear Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore wood, trash Mid /

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

1 DRUM on catwalk

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

Dredge: STUYVESANT
Project: MOBILE BAY, AL
Date: 9 / 8 / 03

Are there incidents involving endangered or protected species? YES ☒ NO

Port Draghead	Trash	Deflector	/
Stbd Draghead	wood	Deflector	/
Port Inflow, Fore	/	Mid	/
Port Inflow, Aft	/		
Stbd Inflow, Fore	/	Mid	/
Stbd Inflow, Aft	2 EELS! wood, Trash		
Port Overflow, Primary	/	Secondary	/
Stbd Overflow, Primary	/	Secondary	/

Bridge Watch Summary

(Observer(s) on duty: STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 8 / 02

Load # 79 Start 1701 End 1740 Dump 2040

Location (lat/long. stations) stations 480+00 - 530+00 Tide Stage 1.2

Weather (wind dir. beaufort, sea state, temp, etc.) cloudy, E wind 15, SEAS 5-6

Water Temp.. Surface 86 °F Below Mid-Depth 86 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead OK Deflector /

Stbd Draghead OK Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, ^{Mid} ~~Aft~~ 2 EELS

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time	Location / Comments
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<hr/>	<hr/>	<hr/>	<hr/>

Observer(s) on duty STACIE KNIGHT

Dredge: STUYVESANT
Project: MOBILE BAY, AL
Date: 9 / 9 / 02

Are there incidents involving endangered or protected species? YES ☒ NO

Port Draghead	clear	Deflector	/
Stbd Draghead	wood	Deflector	/
Port Inflow, Fore	/	Mid	/
Port Inflow, Aft	/		
Stbd Inflow, Fore	/	Mid	/
Stbd Inflow, Aft	wood, Trash, Clay		
Port Overflow, Primary	/	Secondary	/
Stbd Overflow, Primary	/	Secondary	/

Bridge Watch Summary

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 19 02

Load # 80 Start 0607 End 0640 Dump 0322 0449

Location (lat/long, stations) stations 480 to 530 to 600 Tide Stage 91

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, E wind 15, SEAS 3-5

Water Temp.. Surface 85 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Rope Deflector /

Stbd Draghead clear Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 9 / 02

Load # 82 Start 1237 End ~~1259~~ 1313 Dump 1609

Location (lat/long. stations) stations 480 too - 530 too Tide Stage 1.07

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, E wind 5-15 kts SEAS 4'

Water Temp.. Surface 86 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES

Note biological samples:

Port Draghead Clear Deflector /

Stbd Draghead _____ Deflector _____

Port Inflow, Fore 1 Mid 1

Port Inflow, Af 1/

Std Inflow, Fore / Mid /

Stbd Inflow, Air wood, Trash

Port Overflow, Primary / Secondary /

Std Overflow Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	= of Animals	Time / Location / Comments
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The figure consists of three line graphs arranged horizontally, each showing the percentage of respondents for a specific level of agreement with the statement 'The government should do more to protect the environment' from 1995 to 2005. The x-axis for all graphs represents the year, with labels for 1995, 2000, and 2005. The y-axis represents the percentage of respondents, ranging from 0 to 100.

- Strongly agree:** This graph shows a steady increase in the percentage of respondents who strongly agree. It starts at approximately 15% in 1995, rises to about 25% in 2000, and reaches approximately 35% in 2005.
- Somewhat agree:** This graph shows a steady increase in the percentage of respondents who somewhat agree. It starts at approximately 45% in 1995, rises to about 55% in 2000, and reaches approximately 65% in 2005.
- Disagree/Don't know:** This graph shows a steady decrease in the percentage of respondents who disagree or don't know. It starts at approximately 40% in 1995, falls to about 20% in 2000, and reaches approximately 10% in 2005.

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 19 02

Load # 83 Start 1852 End 1924 Dump 2222

Location (lat/long. stations) stations 480+00 - 530+00 Tide Stage 1.55

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, E wind 5, SEAS 3'

Water Temp.. Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead clear Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, TRASH

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____
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Observer(s) on duty: STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 10 / 02

Load # 84 Start 044 End 0146 Dump 0448

Location (lat/long, stations) stations 480+00 - 530+00 Tide Stage 1.28

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, E wind 5-10, SEAS 3

Water Temp., Surface 85 °F Below Mid-Depth 54 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 10 / 02

Load # 85 Start 0754 End 0826 Dump 1125

Location (lat/long. stations) stations 480+00 - 530+00 Tide Stage 1.47

Weather (wind dir. beaufort, sea state, temp. etc.) Cloudy, SE wind 10, SEAS 2-3

Water Temp.. Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES (No)

Note biological samples:

Port Draghead Trash Deflector /

Stbd Draghead CLEAR Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, clay, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

- Pins pulled & Box Flushed

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 11 / 02

Load # 87 Start 2339 End 0013 Dump 036

Location (lat/long. stations) stations 480+00 - 530+00 Tide Stage .5

Weather (wind dir. beaufort. sea state. temp. etc.) clear, S wind 10, SEAS 2-3

Water Temp.. Surface 85 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Rope Deflector /

Stbd Draghead trash Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 11 / 02

Load # 88 Start 0608 End 0638 Dump 0930

Location (lat/long. stations) stations 480+00 - 530+00 Tide Stage 1.05

Weather (wind dir. beaufort. sea state. temp. etc.) clear, S wind 10, SEAS 2

Water Temp., Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES

NO

Note biological samples:

Port Draghead Clear Deflector /

Stbd Draghead crab trap Deflector /

Port Inflow, Fore 1 Mid 1Port Inflow, Afr 1

Stid Inflow, Fore 1 Mid 1

Stbd Inflow, Att wood, trash

Port Overflow, Primary	Secondary
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
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Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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(Observer) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 14 02

Load # 89 Start 1231 End 1308 Dump 1606

Location (lat/long. stations) stations 480+00 - 530+00 Tide Stage 0

Weather (wind dir. beaufort. sea state. temp. etc.) clear, S wind 15, SEAS 2'

Water Temp., Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead " wood Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash, clay

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

- VERY SMALL CAT FISH FOUND ON
CAT WALK

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

Dredge: STUYVESANT
Project: MOBILE BAY, AL
Date: 9 / 11 / 02

Are there incidents involving endangered or protected species? YES ☐ NO ☒

Stbd Overflow, Primary _____ Secondary _____

Bridge Watch Summary

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 12 / 02

Load # 91 Start 0045 End 0114 Dump 0442

Location (lat/long, stations) stations 480+00 - 530+00 Tide Stage 1.51

Weather (wind dir, beaufort, sea state, temp, etc.) Clear, S wind 10, SEAS 3'

Water Temp., Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Wood Deflector /

Stbd Draghead Crab pot Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft Wood, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

Dredge: STUYVESANT

Dredge: STOUVESANT

Project: MOBILE BAY, AL

Date: 9 / 12 / 02

Load # 92 Start 0731 End 0802 Dump 1050

Location (lat/long. stations) stations 480+00 - 530+00 Tide Stage 1./

Weather (wind dir. beaufort, sea state, temp: etc.) HAZY. S wind 10-15, SEAS 3-4

Water Temp., Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? **YES**

NO

Note biological samples:

Port Draghead Trash Deflector /

Stbd Draghead clear Deflector /

Port Inflow, Fore 1 Mid 1

Port Inflow, Air _____

Strid Inflow, Fore _____ Mid _____

Stbd Inflow. Alt wood, 1 EEL

Port Overview, Primary	Secondary
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Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Species	= of Animals	Time / Location / Comments
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Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 12 102

Load # 23 Start 1346 End 1419 Dump 1735

Location (lat/long, stations) stations 480+00 - 530+00 Tide Stage 0.7

Weather (wind dir, beaufort, sea state, temp, etc.) HAZY, SWIND 10-20, SEAS 3-4

Water Temp., Surface 85 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Rope clay Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, 1 EEL

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 13 / 02

Load # 94 Start 2031 End 2113 Dump 0015

Location (lat/long. stations) stations 620+00 - 670+00 Tide Stage .92

Weather (wind dir. beaufort. sea state. temp. etc.) Clear, S wind 15-20, SEAS 4'

Water Temp., Surface 85 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Clear Deflector /

Stbd Draghead u Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

92- 786 - 4302

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 13 / 02

Load # 15 Start 0249 End 0323 Dump 0607

Location (lat/long, stations) stations 620+00 - 670+00 Tide Stage 1.95

Weather (wind dir, beaufort, sea state, temp, etc.) RAIN, SE wind

Water Temp.. Surface 86 °F Below Mid-Depth 86 °F

Are there incidents involving endangered or protected species? YES

NO

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft Wood, Fishing GEAR

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Stuyvesant

Project: MOBILE BAY, AL

Date: 9 / 13 / 02

Load # 97 Start 2015 End 2048 Dump 0012

Location (lat/long, stations) stations 620 to 670 too Tide Stage

Weather (wind, dir, beaufort, sea state, temp, etc.) RAIN, SE Wind 22 kts, SEAS 8'

Water Temp., Surface 86 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead Crab trap Deflector /

Stbd Draghead wood Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, Trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species

of Animals

Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 14 / 02

Load # 98 Start 1859 End 1634 Dump 1920

Location (lat/long, stations) stations 820400 - 67000 Tide Stage 1.10

Weather (wind dir. beaufort, sea state, temp. etc.) RAIN. S wind 25, SEAS 6-7

Water Temp., Surface 80 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clear Deflector /

Stbd Draghead u Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

2159 2235

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 15 / 02

Load # 99 Start 2159 End 2234 Dump 0118

Location (lat/long. stations) stations 620 +00 - 670 +00 Tide Stage

Weather (wind dir. beaufort, sea state, temp. etc.) cloudy, RAIN, S wind 20, SEAS 4-6

Water Temp.. Surface 85 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead Rope Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash, clay

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 15 / 02

Load # 100 Start 0236 End 0406 Dump 0650

Location (lat/long. stations) stations 620+00 - 670+00 Tide Stage 1.63

Weather (wind dir. beaufort, sea state, temp. etc.) cloudy, SW wind 15, SEAS 5-6

Water Temp.. Surface 86 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead CABLE Deflector /

Stbd Draghead clear Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 15 / 02

Load # 101 Start 0924 End 0947 Dump 1223

Location (lat/long, stations) stations 620+00 - 670+00 Tide Stage 1.65

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, N wind 5-10, SEAS 24

Water Temp., Surface °F Below Mid-Depth °F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Trash Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore wood, trash Mid /

Stbd Inflow, Aft /

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STURVESANT

Project: MOBILE BAY, AL

Date: 9 / 15 / 02

Load # 102 Start 1501 End 1834 Dump 1826

Location (lat/long, stations) stations 620400 to 670400 Tide Stage 0.46

Weather (wind dir. beaufort, sea state, temp. etc.) Force 3 Wind S-10. seas 2-4

Water Temp., Surface 86 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species? YES

NO

Note biological samples:

Port Draghead Clen Deflector /

Stbd Draghead _____ Deflector _____

Port Inflow, Fore Mid

Port Inflow, Aft _____

Stbd Inflow Fore _____ Mid _____

Stbd Inflow. ^{Wind} Air Wood, Trash, Few oyster shell

Port Overflow, Primary Secondary

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 1 16 102-

Load # 103 Start 2143 End 2212 Dump 0056

Location (lat/long, stations) stations 620+00 - 670+00 Tide Stage -0.7

Weather (wind dir, beaufort, sea state, temp, etc.) Foggy, S wind 5, SEAS 2-4

Water Temp.. Surface °F Below Mid-Depth °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, oyster, clay, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 16 / 02

Load # 104 Start 0328 End 0359 Dump 0640

Location (lat/long. stations) stations 620 too - 670 too Tide Stage .99

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, SW wind 5-10, SEAS 2

Water Temp., Surface 84 °F Below Mid-Depth 83 °F

Are there incidents involving endangered or protected species? YES

YES

NO

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead trash Deflector /

Port Inflow, Fore 1 Mid 1

Port Inflow, Aft /

Strd Inflow, Fore _____ Mid _____

Stbd Inflow, Alt Wood trash

Port Overview, Primary	Secondary
1. <u>Port of Call</u>	2. <u>Port of Call</u>
3. <u>Port of Call</u>	4. <u>Port of Call</u>
5. <u>Port of Call</u>	6. <u>Port of Call</u>
7. <u>Port of Call</u>	8. <u>Port of Call</u>
9. <u>Port of Call</u>	10. <u>Port of Call</u>
11. <u>Port of Call</u>	12. <u>Port of Call</u>
13. <u>Port of Call</u>	14. <u>Port of Call</u>
15. <u>Port of Call</u>	16. <u>Port of Call</u>
17. <u>Port of Call</u>	18. <u>Port of Call</u>
19. <u>Port of Call</u>	20. <u>Port of Call</u>
21. <u>Port of Call</u>	22. <u>Port of Call</u>
23. <u>Port of Call</u>	24. <u>Port of Call</u>
25. <u>Port of Call</u>	26. <u>Port of Call</u>
27. <u>Port of Call</u>	28. <u>Port of Call</u>
29. <u>Port of Call</u>	30. <u>Port of Call</u>
31. <u>Port of Call</u>	32. <u>Port of Call</u>
33. <u>Port of Call</u>	34. <u>Port of Call</u>
35. <u>Port of Call</u>	36. <u>Port of Call</u>
37. <u>Port of Call</u>	38. <u>Port of Call</u>
39. <u>Port of Call</u>	40. <u>Port of Call</u>
41. <u>Port of Call</u>	42. <u>Port of Call</u>
43. <u>Port of Call</u>	44. <u>Port of Call</u>
45. <u>Port of Call</u>	46. <u>Port of Call</u>
47. <u>Port of Call</u>	48. <u>Port of Call</u>
49. <u>Port of Call</u>	50. <u>Port of Call</u>
51. <u>Port of Call</u>	52. <u>Port of Call</u>
53. <u>Port of Call</u>	54. <u>Port of Call</u>
55. <u>Port of Call</u>	56. <u>Port of Call</u>
57. <u>Port of Call</u>	58. <u>Port of Call</u>
59. <u>Port of Call</u>	60. <u>Port of Call</u>
61. <u>Port of Call</u>	62. <u>Port of Call</u>
63. <u>Port of Call</u>	64. <u>Port of Call</u>
65. <u>Port of Call</u>	66. <u>Port of Call</u>
67. <u>Port of Call</u>	68. <u>Port of Call</u>
69. <u>Port of Call</u>	70. <u>Port of Call</u>
71. <u>Port of Call</u>	72. <u>Port of Call</u>
73. <u>Port of Call</u>	74. <u>Port of Call</u>
75. <u>Port of Call</u>	76. <u>Port of Call</u>
77. <u>Port of Call</u>	78. <u>Port of Call</u>
79. <u>Port of Call</u>	80. <u>Port of Call</u>
81. <u>Port of Call</u>	82. <u>Port of Call</u>
83. <u>Port of Call</u>	84. <u>Port of Call</u>
85. <u>Port of Call</u>	86. <u>Port of Call</u>
87. <u>Port of Call</u>	88. <u>Port of Call</u>
89. <u>Port of Call</u>	90. <u>Port of Call</u>
91. <u>Port of Call</u>	92. <u>Port of Call</u>
93. <u>Port of Call</u>	94. <u>Port of Call</u>
95. <u>Port of Call</u>	96. <u>Port of Call</u>
97. <u>Port of Call</u>	98. <u>Port of Call</u>
99. <u>Port of Call</u>	100. <u>Port of Call</u>

Std Overflow: Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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(Observer) on duty: STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 1 16 102

Load # 105 Start 0900 End 0935 Dump 1333

Location (lat/long. stations) stations 620+00 - 670+00 Tide Stage 1.44

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, SW wind 10-15, SEAS 2-3

Water Temp., Surface 84 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples

Port Draghead clay Deflector /

Star Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Star Inflow, Fore / Mid /

Star Inflow, Aft wood, trash,

Port Overflow, Primary / Secondary /

Star Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

1 EEL 1 DRUM ON CATWALK

Bridge Watch Summary

Species	# of Animals	Time	Location / Comments
<u>TE</u>	<u>6</u>	<u>1010 3038 8801</u>	<u>in Channel!</u>

Observer STACE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 16 / 02

Load # 106 Start 3/6/11 End 1642 Dump 19.53

Location (lat/long. stations) stations 620+00 - 670+00 Tide Stage 0.21

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, SSW wind 20, SEAS 2'

Water Temp., Surface 84°F Below Mid-Depth 83 °F

Are there incidents involving endangered or protected species? YES

50

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead Wood Deflector /

Port Inflow, Fore 1 Mid 1

Port Inflow At _____

Strad Inflow Date 1 Mid 1

Stbd Inflow: Air wood, trash, clay

Part Overlaid Primary: _____ Secondary: _____

Std Overflow, Primary: 1 Secondary: 1

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	= of Animals	Time / Location / Comments
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Observer: B. J. J. STACE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 17 / 02

Load # 107 Start 2227 End 2301 Dump 0145

Location (lat/long. stations) stations 620+00 - 670+00 Tide Stage -1.28

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, sea wind 15, SEAS 2-3

Water Temp.. Surface 84 °F Below Mid-Depth 83 °F

Are there incidents involving endangered or protected species? YES

NO

Note biological samples

Port Draghead CABLE Deflector /

Star Draghead trash Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Star Inflow, Fore / Mid /

Star Inflow, Aft clay, wood, trash

Port Overflow, Primary / Secondary /

Star Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time Location / Comments
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SCALF KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 17 / 02

Load # 108 Start 0410 End 0441 Dump 0736

Location (lat/long. stations) stations 62000 - 67000 Tide Stage 7

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, SW wind 15, SEAS 2'

Water Temp., Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES

YES

10

Note biological samples:

Port Draghead trash Deflector /

Deflector

Stbd Draghead Clay Deflector /

Deflector

Port Inflow, Fore 1 Mid 1

Mid

Port Inflow At: _____

Start Inflow Date _____ Mid _____

Mic

Stbd Inflow. Air wood, trash

Part Overhead Primary Secondary

Secondary

Stbd Overflow, Primary Secondary

Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species

= of Animals

Time / Location / Comments

Observer: STAGE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9/17/02

Load # 109 Start 1015 End 1044 Dump 1385

Location (lat/long, stations) stations 620+00 - 670+00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) Foggy, SW Wind 10, SEAS 2'

Water Temp., Surface 84 °F Below Mid-Depth 83 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples

Port Draghead Clear Deflector /

Star Draghead trash Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Star Inflow, Fore / Mid /

Star Inflow, Aft wood, shell, trash

Port Overflow, Primary / Secondary /

Star Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time	Location / Comments
<u>TE</u>	<u>8</u>	<u>1108 3P30</u>	<u>8801 outside channel</u>

Observer STEVE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 17 / 02

Load # 110 Start 1643 End 1717 Dump 1955

Location (lat/long. stations) stations 620 to 0 = 670 to 0 Tide Stage 0.11

Weather (wind dir. beaufort. sea state. temp. etc.) FOGGY, 92 WIND 10, SEAS 2

Water Temp.. Surface 84 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead Clay Deflector /

Stbd Draghead / Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft Clay, wood trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Pulled PINS & FLUSHED BOX

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer's on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 18 / 02

Load # 11 Start 2357 End 0028 Dump 0312

Location (lat/long. stations) stations 620 to 670 to 00 Tide Stage .07

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, wind 5-10

Water Temp. Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead trash Deflector /

Star Draghead clay Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Star Inflow, Fore / Mid /

Star Inflow, Aft wood, trash, shell

Port Overflow, Primary / Secondary /

Star Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer: STEVE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 1 / 81

Load # 112 Start 0545 End 0612 Dump 0852

Location (lat/long. stations) stations 620+00 - 670+00 Tide Stage .98

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, wind 5, SEAS 1'

Water Temp.. Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ft</u>	<u>6</u>	<u>0908 30° 38' 550' outside channel</u>

Observer: STACIE KNIGHT

ENDANGERED SPECIES OBSERVER FORM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 1 1002

Load # 113 Start 1131 End 1150 Dump 1433

Location (lat/long. stations) stations 620 +00 - 670 +00 Tide Stage 1.18

Weather (wind dir. beaufort. sea state. temp. etc.) P/C, + CALM

Water Temp., Surface 55 °F Below Mid-Depth 54 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash, clay *

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

* Filled w/ clay PINS pulled + Box
Flushed

Bridge Watch Summary

Species	# of Animals	Time Location / Comments

Observer STEVE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9/18/02

Load # 114 Start 1719 End 1757 Dump 2041

Location (lat/long. stations) stations 620+00 - 670+00 Tide Stage 1.15

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, CALM

Water Temp.. Surface 84 °F Below Mid-Depth 83 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead trash Deflector /

Stbd Draghead clay Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

1 EEI on catwalk

2330

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 19 / 02

Load # 115 Start 2330 End 0002 Dump 0252

Location (lat/long, stations) stations 620+00 - 670+00 Tide Stage 03

Weather (wind, dir, beaufort, sea state, temp, etc.) PLC, SE wind 10, SEAS 2'

Water Temp.: Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead trash Deflector /

Stbd Draghead CABLE Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, clay

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time - Location / Comments

Observer: STEVE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STOLVESANT

Project: MOBILE BAY, AL

Date: 9 1 1910

Load # 116 Start 0536 End 0607 Dump 0907

Location (lat/long. stations) stations 620+00 - 670+00 Tide Stage .92

Weather (wind dir. beaufort. sea state. temp. etc.) P/C, SE wind 10, Seas 2'

Water Temp., Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES

Note biological samples:

Port Draghead Clear Deflector /

Stbd Draghead Clay Deflector /

Port Inflow, Fore 1 Mid 1

Port Inflow, Afr _____

Strat Inflow: 1 Mid: 1

Subd Inflow. Alt clay, wood, shell

Port Overview: Primary _____ Secondary _____

Std Overflow: Primary 1 Secondary 1

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 1 19 02

Load # 117 Start 1116 End 1151 Dump 1401

Location (lat/long, stations) stations 880 +00 - 930 +00 Tide Stage 1.33

Weather (wind dir, beaufort, sea state, temp, etc.) P. cloudy, SE wind 10, SEAS 2

Water Temp., Surface 36 °F Below Mid-Depth 45 °F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector /

Stbd Draghead OK Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer: STACE KNIGHT

Dredge: STUYVESANT

Project: MOBILE Bay, AL

Date: 9 1 1910

Load # 118 Start 1627 End 1701 Dump 1921

Location (lat/long., stations) stations 880 too - 930 too Tide Stage 2.65

Weather (wind dir. beaufort. sea state. temp. etc.) P/C SE Wind 15, SEAS 2'

Water Temp.. Surface 86 °F Below Mid-Depth 85 °F

YES

NO

Note biological samples:

Port Draghead trash Deflector /

Sthd Draghead **OK** Deflector /

Port Inflow, Fore 1 Mid 1Port Inflow At 1

Strd Inflow Date / / Mid / /

Stbd Inflow. Alt wood trash

Port Overhaul, Primary	Secondary
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Stbd Overflow, Primary: _____ Secondary: _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Species	# of Animals	Time / Location / Comments
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Species	# of Animals	Time / Location / Comments
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Observer's name: STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 20 / 02

Load # 119 Start 2126 End 2207 Dump 6042

Location (lat/long. stations) stations 880+00 - 130+00 Tide Stage .18

Weather (wind dir. beaufort. sea state. temp. etc.) P/S, S. wind 10-15, SEAS 1-2

Water Temp.. Surface 86 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead clay Deflector /

Stbd Draghead ok Deflector /

Port Inflow. Fore / Mid /

Port Inflow. Aft /

Stbd Inflow. Fore / Mid /

Stbd Inflow. Aft wood trash

Port Overflow. Primary / Secondary /

Stbd Overflow. Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	= of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9/20/02

Load # 120 Start 0448 End 0519 Dump 0739

Location (lat/long, stations) stations 880 to 930 Tide Stage .98

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, SE Wind 10-15, SEAS 1-3

Water Temp., Surface 86 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead trash Deflector /

Stbd Draghead chag Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time	Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9/20/02

Load # 121 Start 0952 End 1023 Dump 1253

Location (lat/long, stations) STATIONS 880+00 - 930+00 Tide Stage 1.47

Weather (wind dir, beaufort, sea state, temp, etc.) PLG, SWIND 10, SEAS 2'

Water Temp.. Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES (NO)

Note biological samples:

Port Draghead trash Deflector /

Stbd Draghead clear Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 20 / 02

Load # 122 Start 1522 End 1555 Dump 1807

Location (lat/long. stations) stations 580 +00 - 930 +00 Tide Stage 1.43

Weather (wind dir. beaufort. sea state. temp. etc.) Plc, SE Wind 10, SEAS 2-3

Water Temp., Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES

Note biological samples:

Port Draghead clear Deflector /

Strd Draghead _____ Deflector /

Port Inflow, Fore / Mid / Port Inflow, Air 1

Site Inflow Date 1 Mid 1

Stbd Inflow. At wood trash

Part Overlaid: Primary _____ Secondary _____

Std Overflow, Primary 1 Secondary 1

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

2013

2308

6

Bridge Watch Summary

Species

= of Animals

Time Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 20 / 02

Load # 123 Start 2013 End 2051 Dump 2308

Location (lat/long, stations) stations 880+00 - 930+00 Tide Stage 61

Weather (wind dir, beaufort, sea state, temp, etc.) P/C, SWIND 10-15, SEAS 3'

Water Temp.. Surface 85 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead OK Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, clay trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 21 / 02

Load # 124 Start 0122 End 0159 Dump 0417

Location (lat/long, stations) stations 880 +00 -930 +00 Tide Stage .86

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, SE wind 10, SEAS 2-3

Water Temp.. Surface 85 °F Below Mid-Depth 85 °F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead trash Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 21 / 02

Load # 125 Start 0629 End 0711 Dump 0952

Location (lat/long, stations) stations 880+00 - 930+00 Tide Stage 0.9

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, SE wind 10, SEAS 3'

Water Temp.. Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead " Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, clay, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time	Location / Comments
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Observer(s) on duty STACIE KNIGHT

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 21 / 02

Load # 126 Start 1216 End 1257 Dump 1507

Location (lat/long. stations) stations 880+00 - 930+00 Tide Stage 1.3

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, SEAS 2-3, SE winds

Water Temp., Surface 85 °F Below Mid-Depth 84 °F

YES

NO

Port Draghead clear Deflector /

Stbd Draghead trash Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Air _____

Strd Inflow: None _____ Mid / _____

Stbd Inflow, Alt wood, clay, trash

Part Overhead Primary Secondary

Std Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Species	# of Animals	Time	Location / Comments
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Species	# of Animals	Time	Location / Comments
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Observation: conductivity STABLE KNIGHT

Observer's ID only: STACIE 11/16/77

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 12 102

Load # 127 Start 1722 End 1800 Dump 2012

Location (lat/long. stations) STATIONS 880+00 - 930+00 Tide Stage 1.61

Weather (wind dir. beaufort. sea state. temp. etc.) P/C, rain, S Wind 10, SEAS 2-3

Water Temp., Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species?

YES

(NO)

Note biological samples:

Port Draghead OK Deflector /

Stbd Draghead OK Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, MUD, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty STACIE KNIGHT

Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 9 / 22 / 02

Load # 129 Start 0323 End 0359 Dump 0623

Location (lat/long. stations) stations 880+00 - 930+00 Tide Stage 1.1

Weather (wind dir. beaufort. sea state. temp. etc.) cloudy, SE wind 10, SEAS 4

Water Temp., Surface 85 °F Below Mid-Depth 84 °F

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead clear Deflector /

Stbd Draghead trash Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty STACIE KNIGHT

Dredge: STUYVESANT
Project: MOBILE BAY, AL
Date: 9 12Z 1 02

Are there incidents involving endangered or protected species? YES NO

Port Draghead	<u>clear</u>	Deflector	<u>/</u>
Stbd Draghead	<u>"</u>	Deflector	<u>/</u>
Port Inflow, Fore	<u>/</u>	Mid	<u>/</u>
Port Inflow, Aft	<u>/</u>		
Stbd Inflow, Fore		Mid	<u>/</u>
Stbd Inflow, Aft	<u>wood</u>		
Port Overflow, Primary	<u>/</u>	Secondary	<u>/</u>
Stbd Overflow, Primary	<u>/</u>	Secondary	<u>/</u>

[illegible]

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty STACIE KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 9/22/02

Load # 131 Start 1556 End 1618 Dump 2009

Location (lat/long, stations) 85+00 - 150+00 Tide Stage 1.39

Weather (wind dir, beaufort, sea state, temp, etc.) RAIN, NE Wind 20-30, SEAS 4-6

Water Temp., Surface 84°F Below Mid-Depth 83°F

Are there incidents involving endangered or protected species? YES ☐ NO ☒

Note biological samples:

Port Draghead OK Deflector /

Stbd Draghead OK Deflector /

Port Inflow, Fore / Mid /

Port Inflow, Aft /

Stbd Inflow, Fore / Mid /

Stbd Inflow, Aft wood

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Stuyvesant

Project: MOBILE BAY, AL

Date: 9 123 102

Load # 132 Start 2231 End 2257 Dump 0328

Location (lat/long, stations) stations 85 to 150 to 0 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) cloudy, NE wind 20-30, SEAS 4-6

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead OK Deflector /

Stbd Draghead OK Deflector /

Port Inflow, Fore / Mid

Port Inflow, Aft /

Stbd Inflow, Fore / Mid

Stbd Inflow, Aft wood, trash

Port Overflow, Primary / Secondary /

Stbd Overflow, Primary / Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty S. KNIGHT

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE Bay, AL

Date: 09 / 23 / 02

Load # 135 Start 0715 End 0740 Dump 1115

Location (lat/long, stations) 85⁰⁰ TO 150⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 3-5' SEAS, 20 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector /

Stbd Draghead OK Deflector /

Port Inflow, Fore / Mid

Port Inflow, Aft /

Stbd Inflow, Fore / Mid

Stbd Inflow, Aft WOOD, METAL & ROPE

Port Overflow, Primary Secondary /

Stbd Overflow, Primary Secondary /

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

I LOVE THE STUYVESANT.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty G. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 09/23/02

Load # 134 Start 1430 End 1501 Dump 1835

Location (lat/long, stations) 85°00' 90°15'00" Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 3-5' SEAS, 20 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead OK Deflector /

Stbd Draghead OK Deflector /

Port Inflow, Fore Mid

Port Inflow, Aft

Stbd Inflow, Fore WOOD, ROPE, METAL & TRASH Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty E. FFE/E

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE Bay, AL

Date: 09 / 24 / 02

Load # 135 Start 2203 End 2227 Dump 0201

Location (lat/long, stations) _____ Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) _____

_____ Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species?

YES

~~NO~~

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft WOOD, PLASTIC, METAL

Stbd Inflow, Fore 1 CRABPOTS Mid _____

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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<u>0</u>	_____	_____
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Observer(s) on duty G. Frye

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STYVANT

Project: MOBILE Bay, AL

Date: 09 1 24 1 02

Load # 136 Start 0538 End 0602 Dump 0948

Location (lat/long, stations) 85⁰⁰ to 150⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 4-6' SEAS, 15-20 KTS, RAIN

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore WOOD, CRAB POTS, METAL, Mid

Port Inflow, Aft CLOTHING, ROPE & CABLE

Stbd Inflow, Fore Mid

Stbd Inflow, Aft * FLOUNDER & BLUE CRAB

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>T.T.</u>	<u>4-6</u>	<u>0910 ENROUTE TO DUMP</u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty G. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 09 / 24 / 02

Load # 137 Start 1230 End 1300 Dump 1745

Location (lat/long, stations) 85° TO 150° Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 4-6' SEAS, 15-20 mph, RAIN

Water Temp., Surface 83°F Below Mid-Depth 82°F

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead CLOTHING, TRASH Deflector

Port Inflow, Fore WOOD, METAL, CABLE Mid

Port Inflow, Aft

Stbd Inflow, Fore FLAUNDER, CATFISH Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty E. Tiz

Observer(s) on duty C. F. B. 13.12

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 09 / 25 / 02

Load # 139 Start 0535 End 0557 Dump 1005

Location (lat/long, stations) 85⁺⁰⁰ to 150⁺⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species?

YES

~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore TRASH, WOOD, METAL Mid

Port Inflow, Aft CLOTHING, ROPE, CABLE

Stbd Inflow, Fore LINE & NET. Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>6 T.T.</u>	<u>3-4</u>	<u>~1340 BACK IN</u>
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<u></u>	<u></u>	<u></u>

Observer(s) on duty CHRIS FRYE

Observer(s) on duty GR FR

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE Bay, AL

Date: 09 / 27 / 02

Load # 141 Start 2130 End 2200 Dump 0058

Location (lat/long, stations) _____ Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) _____

_____ Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore BLUE CRAB, RAJIFORM FISH, Mid _____

Port Inflow, Aft TRASH _____

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on duty _____

Dredge: COVE SAND

Project: MOBILE

Date: 09/27/02

Load # 142 Start 0527 End 0549 Dump 0912

Location (lat/long, stations) _____ Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) _____

_____ Water Temp., Surface _____ Below Mid-Depth

Are there incidents involving endangered or protected species? YES ☒ NO ☐

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead	Deflector
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
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91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Port Inflow, Fore (Loty, Wood) METAL Mid _____

Port Inflow, Aft CLOTHING & TRASH

Stbd Inflow, Fore	Mid
-------------------	-----

Stbd Inflow, Aft _____

Port Overflow, Primary	Secondary
------------------------	-----------

Sub Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____

Observer(s) on duty C. HYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: SHY VESPA

Project: MOBILE BAY, AL

Date: 09 / 28 / 02

Load # 143 Start 1345 End 1408 Dump 1748

Location (lat/long, stations) 85°00' TO 150°00' Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow. Fore SEVERAL SMALL FISH, BLUE Mid

Port Inflow. Aft CRAB, TRASH, CLAY, ETC.

Stbd Inflow. Fore Mid

Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty G. T. F.

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 09 / 29 / 02

Load # 144 Start 2131 End 2152 Dump 0144

Location (lat/long, stations) 85⁰⁰ TO 150⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow. Fore NO BIO. Mid

Port Inflow. Aft

Stbd Inflow. Fore WOOD, TRASH, METAL, ETC. Mid


Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty G. FRYE

Observer(s) on duty E. F. E

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 09 129 102

Load # 146 Start 1334 End 1334 Dump 1735

Location (lat/long, stations) _____ Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) _____

Water Temp.. Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector <

Stbd Draghead BLUE CRAB & EEL Deflector <

Port Inflow, Fore _____ Mid _____

Port Inflow, Aft CLAY, WOOD, METAL, & TRASH

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>		

Observer(s) on duty ERIC TRAYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 09 1 30 102

Load # 147 Start 2104 End 2129 Dump 0129

Location (lat/long, stations) 85° to 150° Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 1-2' SEAS, 5 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore SMALL FISH, BLUE CRAB Mid

Port Inflow, Aft

Stbd Inflow, Fore WOOD, A BUCKET, CLOTHING Mid

Stbd Inflow, Aft MEAT & TRASH

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>0</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty CT. FIVE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 09 / 30 / 02

Load # 148 Start 0455 End 0817 Dump 0904

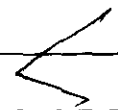
Location (lat/long, stations) 85° 20' 150' Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow. Fore NO BIO. Mid

Port Inflow. Aft

Stbd Inflow. Fore WOOD, CLAY, METAL & Mid

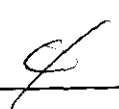
Stbd Inflow. Aft TRASH

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty C. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 05 / 30 / 02

Load # 149 Start 1257 End 1819 Dump 1641

Location (lat/long, stations) 85° to 150° Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 1-2' 5 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow. Fore NO BIO Mid

Port Inflow. Aft

Stbd Inflow. Fore WOOD, METAL & TRASH Mid

Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty G. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE Bay

Date: 10/1/02

Load # 150 Start 2022 End 2042 Dump 0021

Location (lat/long, stations) 85° TO 150° Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 1-2' SEAS, 5 KTS, CLEAR

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore SMALL FISH Mid

Port Inflow, Aft

Stbd Inflow, Fore CLAY, WOOD, METAL, PLASTIC Mid

Stbd Inflow, Aft TRASH

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty G. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 10/1/02

Load # 151 Start 0851 End 0915 Dump 0806

Location (lat/long, stations) 85°00' to 130°00' Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) _____

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES ☒ NO

Note biological samples:

Port Draghead _____ Deflector 

Stbd Draghead _____ Deflector _____

Port Inflow, Fore SMALL FISH Mid _____

Port Inflow, Aft _____

Stbd Inflow, Fore CLAY, WOOD, METAL, CRABPOTS, Mid _____

Stbd Inflow, Aft TRASH

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>0</u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on duty G. Frye

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Stuyvesant

Project: MOBILE Bay

Date: 10 / 1 / 02

Load # 152 Start 1200 End 1220 Dump 1612

Location (lat/long, stations) 85⁰⁰ TO 150⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3 SEAS, 10 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore NO BIO Mid

Port Inflow, Aft

Stbd Inflow, Fore WOOD, METAL, CRABPOTS, Mid

Stbd Inflow, Aft TRASH

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty G. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 10 / 1 / 02

Load # 153 Start 1812 End 1837 Dump 2002

Location (lat/long, stations) 1150⁺⁰⁰ TO 1230⁺⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

 Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore NO Bio. Mid

Port Inflow, Aft

Stbd Inflow, Fore WOOD, METAL, TRASH Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Observer(s) on duty CH. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 02 / 02

Load # 154 Start 2157 End 2218 Dump 0615

Location (lat/long, stations) 1150⁰⁰ to 1230⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 3-4' SEAS, 10-15 KTS, CLEAR

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore (1) BEL Mid

Port Inflow, Aft

Stbd Inflow, Fore SIGNIFICANTLY LESS DEBRIS Mid

Stbd Inflow, Aft IN NEW AREA - WOOD & ROPE

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty G. FIVE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 02 / 02

Load # 155 Start 0215 End 0230 Dump 6445

Location (lat/long, stations) _____ Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) _____

_____ Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow, Fore NO B.O Mid _____

Port Inflow, Aft _____

Stbd Inflow, Fore MINIMAL DEBRIS - WOOD Mid _____

Stbd Inflow, Aft _____

Port Overflow, Primary _____ Secondary _____

Stbd Overflow, Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on duty E. Frye

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Date: 10 / 02 / 02

Load # 156 Start 0700 End 0720 Dump 0940

Location (lat/long, stations) 1150⁺ to 1280⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 5-6' SEAS, 10-15 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow. Fore SHEEP'S HEAD (MANGLED) Mid

Port Inflow. Aft 1 CATFISH

Stbd Inflow. Fore Mid

Stbd Inflow. Aft WOOD, NET, & A REEL

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>0</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty C. TISE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 02 / 02

Load # 157 Start 1140 End 1200 Dump 1400

Location (lat/long, stations) 1150⁺⁰⁰ to 1230⁺⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 6-7' seas, 15KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector <

Stbd Draghead Deflector

Port Inflow, Fore TRASH, SHELL, WOOD Mid

Port Inflow, Aft CLAY

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty G. FRYE

Observer(s) on duty _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 10 1 04 1 02

Load # 158 Start 0957 End 1022 Dump 1207

Location (lat/long, stations) 1230^{tos} TO 1150^{tos} Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 3-4 SEAS, 10-15 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore Mid

Port Inflow, Aft CLAY, WOOD, & TREASU

Stbd Inflow, Fore Mid


Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty C. TIGHE

Dredge: STUYVESANT

Project: MOBILE Bay

Date: 10 1 04 10Z

Load # 159 Start 1411 End 1435 Dump 1620

Location (lat/long, stations) 1150⁺⁰⁰ to 1230⁺⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 3-4 SEAS, 10 KTS, RAIN

_____ Water Temp., Surface _____ Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead _____ Deflector 

Stbd Draghead _____ Deflector _____

Port Inflow, Fore Small, Clay & Mid

Port Inflow. Alt 7714541

Stbd Inflow, Fore _____ Mid _____

Stbd Inflow, Aft _____


Port Overflow, Primary _____ Secondary _____

Tribd Overflow, Primary _____	Secondary _____
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Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Species	# of Animals	Time / Location / Comments
		

Observer(s) on duty: EVIS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE BAY

Date: 10 / 04 / 02

Load # 160 Start 1800 End 1830 Dump 2015

Location (lat/long, stations) 1150^{top} to 1230^{top} Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 3-21' SEAS, 10 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow. Fore WOOD, CLAY & TRASH Mid

Port Inflow. Aft

Stbd Inflow. Fore Mid


Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty GIR JIS

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 05 / 02

Load # 161 Start 2230 End 2300 Dump 0105

Location (lat/long, stations) 1150⁺ to 1230⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore NO RIO Mid

Port Inflow, Aft

Stbd Inflow, Fore FRAGILE WOOD Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty G. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUPEFACANT

Project: MOBILE

Date: 10/05/02

Load # 162 Start 0305 End 0328 Dump 0514

Location (lat/long, stations) 1150 + 1000 to 1250 + 1000 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 10 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species?

YES

~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore SHELL Mid

Port Inflow, Aft

Stbd Inflow, Fore WOOD, CLOTHING & Mid

Stbd Inflow, Aft TRASH

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty

C. FRYE

Observer(s) on duty: Dr. ATR/E

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10/05/02

Load # 164 Start 1141 End 1209 Dump 1357

Location (lat/long, stations) 1150⁺ to 1230⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

 Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ☒ NO ☐

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore Mid

Port Inflow, Aft TRASH & CLAY

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Observer(s) on duty E. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STOYVESANT

Project: MOBILE

Date: 10-1-05 10Z

Load # 165 Start 1542 End 1609 Dump 1814

Location (lat/long, stations) 1150⁰⁰ to 1230⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 1-2' SEAS, 5-10 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow. Fore Mid

Port Inflow. Aft TRASH & CLAY

Stbd Inflow. Fore Mid

Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species

of Animals

Time / Location / Comments

<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty

G. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 05 / 02

Load # 166 Start 2013 End 2036 Dump 2224

Location (lat/long, stations) 1150⁺00 to 1230⁺00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species?

YES

~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow. Fore Mid

Port Inflow. Aft CLAY & TRASH

Stbd Inflow. Fore Mid

Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species

of Animals

Time / Location / Comments

<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty

CRITCHEY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STOVESANT

Project: MOBILE

Date: 10 / 06 / 02

Load # 167 Start 0003 End 0025 Dump 0227

Location (lat/long, stations) 1130⁺ to 1230⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow. Fore CLAY, WOOD & TRASH Mid

Port Inflow. Aft

Stbd Inflow. Fore Mid


Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty AT: FR/E

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 06 / 02

Load # 168 Start 0418 End 0442 Dump 0632

Location (lat/long, stations) 1150 +00 to 1230 +00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 1-2' SEAS, 5 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow. Fore Mid

Port Inflow. Aft CLAY, NET, & TRASH

Stbd Inflow. Fore Mid

Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty Cr. T. R. / E

Observer(s) on duty _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 06 / 02

Load # 170 Start 1221 End 1255 Dump 1454

Location (lat/long, stations) 1150⁺ to 1230⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 12' seas, 5 kts, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow. Fore CRABPOT, CLAY, ROPE Mid

Port Inflow. Aft & TRASH

Stbd Inflow. Fore Mid

Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty E. FIFE

Observer(s) on duty _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 07 / 02

Load # 172 Start 2057 End 2125 Dump 2337

Location (lat/long, stations) 1150⁺⁰⁰ to 1230⁺⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

 Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow. Fore CRAB, ST, WOOD, CLAY Mid

Port Inflow. Aft & TRASH

Stbd Inflow. Fore Mid

Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Observer(s) on duty GIB FRYE

Observer(s) on duty: T. F. R/E

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 07 / 02

Load # 174 Start 0530 End 0556 Dump 0752

Location (lat/long, stations) 1230⁺ to 1150⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species?

YES

~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore Clay, Rope & Mid

Port Inflow, Aft TRASH

Stbd Inflow, Fore Mid

Stbd Inflow, Aft


Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty

GAB FR/E

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: SOYVEZANT

Project: MOBILE

Date: 10 1 07 102

Load # 175 Start 0947 End 1010 Dump 1157

Location (lat/long, stations) 1150⁰⁰ to 1230⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 1-2' SEAS, 3 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow. Fore CLAY & TENSIL Mid

Port Inflow. Aft

Stbd Inflow. Fore Mid

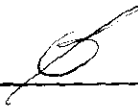
Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty Chris Fiske

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 07 / 02

Load # 176 Start 1355 End 1418 Dump 1611

Location (lat/long, stations) 1150¹⁰⁰ to 1230¹⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore Mid

Port Inflow, Aft CLAY, METAL &

Stbd Inflow, Fore TRASH Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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<u></u>	<u></u>	<u></u>

Observer(s) on duty Eric Fiske

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10/07/02

Load # 177 Start 1830 End 1855 Dump 2050

Location (lat/long, stations) 1150⁺ to 1250⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore CLAY, MUD, etc. Mid

Port Inflow, Aft ROPE & TRASH Mid

Stbd Inflow, Fore Mid

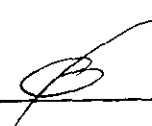
Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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<u></u>	<u></u>	<u></u>

Observer(s) on duty G. FRAE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 08 / 02

Load # 178 Start 2253 End 2331 Dump 6116

Location (lat/long, stations) 1150⁺ to 1230⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 10-15 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore Mid

Port Inflow, Aft CLAY & TRASH

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty GIB TIS

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STYVEANT

Project: MOBILE

Date: 10 1 08 102

Load # 179 Start 0321 End 0349 Dump 6537

Location (lat/long, stations) 1150⁴⁰⁰ TO 1230⁴⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore CLAY, METAL & Mid

Port Inflow, Aft TRASH

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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<u></u>	<u></u>	<u></u>

Observer(s) on duty CHRIS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: 30 YVESANT

Project: MOBILE BAY, AL

Date: 10 108 192

Load # 180 Start 0746 End 0806 Dump 0956

Location (lat/long, stations) 1150⁺ to 1250⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3 SEAS, 10 KTS, P/C, COOL

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore CLAY & TRASH Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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<u></u>	<u></u>	<u></u>
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Observer(s) on duty GIS TR/E

* NEW
SECTION *

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 08 / 02

Load # 181 Start 1249 End 1321 Dump 1607

Location (lat/long, stations) 680⁰⁰ TO 700⁰⁰ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.)

 Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore SHELL, WOOD & CLAY Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: WOBURN

Date: 10 / 09 / 62

Load # 182 Start 1857 End 1923 Dump 2215

Location (lat/long, stations) 650⁴⁰⁰ to 700⁴⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 10-15 KTS, P/C

Water Temp. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Subd Draghead Deflector

Port Inflow. Fore PIPE, WOOD & TRASH Mid

Port Inflow. Aft

Subd Inflow. Fore Mid

Subd Inflow. Aft

Port Overflow. Primary Secondary

Subd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>CP</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty SPS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 09 / 02

0045

0109

0349

Load # 183

Start 0109

End 0349

Dump 035

Location (lat/long, stations) 650⁺00 to 700⁺00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore WOOD, CLAY & Mid

Port Inflow, Aft TRASH

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>0</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty GIB TRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10/09/02

Load # 184 Start 0655 End 0717 Dump 0951

Location (lat/long, stations) 650⁺ TO 700⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 10 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES

NO

Note biological samples:

Port Draghead Deflector ←

Subd Draghead Deflector

Port Inflow. Fore WINDSHIELD, RUBBER & Mid

Port Inflow. Aft MOTOR, CLAY, WOOD, &

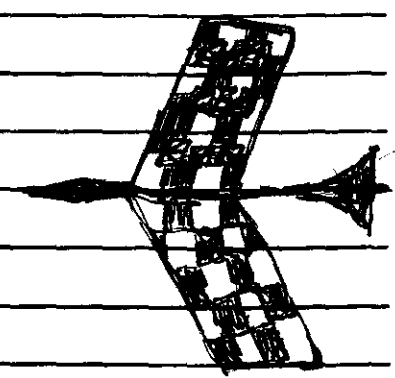
Subd Inflow. Fore TRASH Mid

Subd Inflow. Aft

Port Overflow. Primary Secondary

Subd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):



Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty G. FISKE

Observer(s) on duty: G. KR/B

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 09 / 02

Load # 186 Start 1934 End 1958 Dump 2300

Location (lat/long. stations) 650⁺ TO 700⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 10 KTS, P/C

Water Temp. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO ~~NO~~

Note biological samples:

Port Draghead Deflector 

Subd Draghead Deflector

Port Inflow. Fore CRAB, POT, PLASTIC, Mid

Port Inflow. Aft ROCK, WOOD &

Subd Inflow. Fore CLAY Mid

Subd Inflow. Aft

Port Overflow. Primary Secondary

Subd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
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Observer(s) on duty Ex. FR



ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 10 / 02

Load # 187 Start 0143 End 0205 Dump 0455

Location (lat/long, stations) 650⁺ TO 700⁺ Tide Stage _____

Weather (wind dir, beaufort, sea state, temp, etc.) _____

Water Temp.. Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead _____ Deflector _____

Stbd Draghead _____ Deflector _____

Port Inflow. Fore _____ Mid _____

Port Inflow. Aft ROCK, CLAY & TRASH

Stbd Inflow. Fore _____ Mid _____

Stbd Inflow. Aft _____

Port Overflow. Primary _____ Secondary _____

Stbd Overflow. Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on duty G. FLYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 10 / 02

Load # 188 Start 0752 End 0815 Dump 1054

Location (lat/long, stations) 650⁺ TO 700⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 10 KTS, RAIN

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore BLUE CRAB, SMALL OYSTERS Mid

Port Inflow, Aft ALTERNATOR?, CLAY

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>6</u>	<u></u>	<u></u>
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Observer(s) on duty

Observer(s) on duty L. T. E

Observer(s) on duty: TR

Dredge: STUYVESANT

Project: MOBILE

Date: 10 1 11 1 02

Load # 191 Start 0119 End 0157 Dump 0445

Location (lat/long, stations) 650⁺ to 700⁺ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.) 2-3 ~~kts~~ 5-10 kts, cloudy

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead _____ Deflector _____

Port Inflow: Fore NET, WOOD & CLAY Mid _____

Port Inflow. Aft _____

Sted Inflow, Fore _____ Mid _____

Subd Inflow, Aft

Port Overflow, Primary	Secondary
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Child Overflow: Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Species		= of Animals	Time / Location / Comments
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Species	# of Animals	Time / Location / Comments
<i>6</i>		

Observer(s) on duty: Chris TRUE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 11 1 02

Load # 192 Start 0715 End 0748 Dump 1025

Location (lat/long, stations) 650⁺⁰⁰ to 700⁺⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore PIPE, CLAY & TRASH Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
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Observer(s) on duty E. TRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 11 / 02

Load # 193 Start 1326 End 1407 Dump 1718

Location (lat/long, stations) 650⁺⁰⁰ to 700⁺⁰⁰ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.) 1-2' SEAS, 5 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore SHELL, CLOTHING & Mid

Port Inflow, Aft CLAY

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
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<u></u>	<u></u>	<u></u>

Observer(s) on duty

Observer(s) on duty: LONG FIVE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUPID BANT

Project: MOBILE

Date: 10 / 12 / 02

Load # 195 Start 0018 End 0051 Dump 0308

Location (lat/long, stations) 930⁺ to 980⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore Mid

Port Inflow, Aft CLAY & SAND

Stbd Inflow, Fore Mid

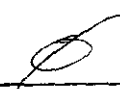
Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty GIL FRIE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 12 / 02

Load # 196 Start 0525 End 0556 Dump 0805

Location (lat/long, stations) 930¹⁰⁰ to 980¹⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 1-2' SEAS, 5 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ☒

Note biological samples:

Port Draghead Deflector <

Stbd Draghead Deflector

Port Inflow, Fore CLOTHING & TRASH Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty C. TR

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVEGANT

Project: MOBILE

Date: 10 11 102

Load # 197 Start 1020 End 1049 Dump 1304

Location (lat/long, stations) 930⁺ to 980⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore CATFISH ON THE WALLS Mid

Port Inflow, Aft

Stbd Inflow, Fore TRASH Mid


Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
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Observer(s) on duty C. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: HYDROSTANT

Project: MOBILE

Date: 10/12/02

Load # 198 Start 1517 End 1551 Dump 1815

Location (lat/long, stations) 980⁺ TO 980⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 1-2' BWS, PK, 5 KTS

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore CLAY Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>B</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty C. V. R/S

Observer(s) on duty: Chris Trife

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 13 / 02

Load # 200 Start 0113 End 0153 Dump 0461

Location (lat/long, stations) 930⁺ to 980⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore Pipe & Clay Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

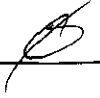
Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty GRB FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 13 / 02

Load # 201 Start 0610 End 0655 Dump 0925

Location (lat/long, stations) 930⁺⁰⁰ TO 980⁺⁰⁵ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 6-10 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore WOOD & CLAY Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

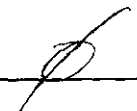
Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty GUS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 1 13 102

Load # 202 Start 1151 End 1218 Dump 1428

Location (lat/long, stations) 930⁺ TO 980⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore NFT, CLAY & Mid

Port Inflow, Aft RPE

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 11 102

Load # 203 Start 1637 End 1700 Dump 1408

Location (lat/long, stations) 980⁺ TO 980⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 3-4 SEAS, 10-20 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore CLOTHING Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

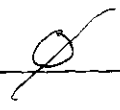
Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty G.B. FFE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 18 / 02

Load # 204 Start 0945 End 1007 Dump 1225

Location (lat/long, stations) 930⁺⁰⁰ TO 980⁺⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3 SEAS, 10 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES

~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore Mid

Port Inflow, Aft Rope

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty GUS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: SUNYVESANT

Project: MOBILE

Date: 10 / 18 / 02

Load # 205 Start 1442 End 1502 Dump 1709

Location (lat/long, stations) 930^{head} to 980^{head} Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow: Fore Mid

Port Inflow: Aft *Crab*

Stbd Inflow: Fore Mid

Stbd Inflow: Aft

Port Overflow: Primary Secondary

Stbd Overflow: Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty *GIB TFE*

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 18 / 02

Load # 206 Start 1914 End 1938 Dump 2139

Location (lat/long, stations) 1040 TO 1150 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 5-10 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore CHAIN & WOOD Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>B</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty ERS FJE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 19 / 00

Load # 207 Start 2330 End 2359 Dump 0204

Location (lat/long, stations) 1040⁰⁰ to 1150⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

 Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore ROPE, CRAB, POT Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Observer(s) on duty E. FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVEBANT

Project: MOBILE

Date: 10 / 19 / 02

Load # 208 Start 0427 End 0453 Dump 0657

Location (lat/long, stations) 1040⁺ TO 1150⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3 SEAS, 5 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow. Fore METAL GRATING & CLAY Mid

Port Inflow. Aft

Stbd Inflow. Fore Mid

Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty LITS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: SLYUGANT

Project: MOBILE

Date: 10 / 19 / 02

Load # 209 Start 0846 End 0909 Dump 1133

Location (lat/long, stations) 1150⁷⁰⁰ TO 1040⁷⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 5 KTS,

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow. Fore Mid

Port Inflow. Aft CLAY

Stbd Inflow. Fore Mid

Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty LIS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 19 / 02

Load # 210 Start 1336 End 1358 Dump 1605

Location (lat/long, stations) 1040⁺⁰⁰ to 1150⁺⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

 Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore WOOD Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Observer(s) on duty CTIS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: SILVERHAWK

Project: MOBILE

Date: 10/19/02

Load # 211 Start 1758 End 1854 Dump 2103

Location (lat/long, stations) 1040⁰⁰ to 1150⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 5 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore Mid

Port Inflow, Aft CLAY

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty CHRIS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10/20/02

Load # 212 Start 2309 End 2330 Dump 0126

Location (lat/long, stations) 1040⁺⁰⁰ to 1150⁺⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore CATFISH, CLAY & Mid

Port Inflow, Aft WOOD

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty CHRIS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 120 102

Load # 213 Start 0332 End 0356 Dump 0602

Location (lat/long, stations) 1040⁰⁰ to 1150⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 1-2' SEAS, 5 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore WOOD, METAL & CLAY Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid


Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty CHRIS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10/20/02

Load # 214 Start 0808 End 0833 Dump 1036

Location (lat/long, stations) 1040⁺⁰⁰ to 1150⁺⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples

Port Draghead Deflector

Subd Draghead Deflector

Port Inflow, Fore Mid

Port Inflow, Aft CLAY

Subd Inflow, Fore Mid

Subd Inflow, Aft

Port Overflow, Primary Secondary

Subd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>

Observer

ONE FISH

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 1 20 10Z

Load # 215 Start 1225 End 1247 Dump 1443

Location (lat/long, stations) 1040⁺⁰⁰ TO 1150⁺⁰⁰ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.) 1-2 SEAS, 5 KTS, P/C, RAIN

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore LINE, CRAB POT $\frac{1}{2}$ Mid

Port Inflow, Aft CLAY

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow Primary Secondary

Stbd Overflow Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>\$</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer: CHRIS FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: SWEEPNET

Project: MOBILE

Date: 10 / 20 / 02

Load # 216 Start 1643 End 1705 Dump 1905

Location (lat/long, stations) 1040⁺00 TO 1150⁺00 Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore ROPE, CLAY Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty ALF RIBE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10/20/02

Load # 217 Start 2104 End 2136 Dump 2332

Location (lat/long, stations) 1040⁺ to 1150⁺ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.) 1-2' SWS, 5-10 KTS, P/C, RAIN

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore MESH BAG, CLAY Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>0</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer's signature GUS FRYE

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Date: 10 // 21 // 02

Water Temp., Surface Below Mid-Depth

Note biological symbols:

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
										Primary										Secondary																																																																															

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Species	# of Animals	Time / Location / Comments

Observer(s) on duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MORILE

Date: 10 / 21 / 02

Load # 219 Start 0613 End 0640 Dump 0848

Location (lat/long. stations) 1040^{too} TO 1150^{too} Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore CRABPOT, CLAY Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty GUS FRYE

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 26 / 02

Load # 226 Start 1055 End 1121 Dump 1316

Location (lat/long, stations) 1040⁺ to 1150⁺ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.) CALM, 5 kts, P/c

Water Temp., Surface _____ Below Mid-Depth _____

Are there incidents involving endangered or protected species? YES

Note biological samples:

Port Draghead _____ Deflector _____

Sibb Draghead _____ Deflector _____

Port Inflow, Fore Mid

Port Inflow, Air: CRABDOT, NARIDIE FISH

Site Inflow Time CLAY Mid CLAY

Std Inflow, Alt

Part Overlaid: Primary Secondary: _____

4d Overflow Primary _____ Secondary _____

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Species	# of Animals	Time / Location / Comments
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Observer's name: Carla F. R. E.

Observer's name: Chk TR / 13

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10/21/02

Load # 222 Start 2001 End 2023 Dump 2226

Location (lat/long, stations) 1040⁺⁰⁰ to 1150⁺⁰⁰ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.) CALM, 5 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species?

YES

NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow: Fore RASIFORM FISH Mid

Port Inflow: Aft CRABPOT

Stbd Inflow: Fore CLAY Mid

Stbd Inflow: Aft

Port Overflow: Primary Secondary

Stbd Overflow: Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Ø</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on duty GR FISH

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 1 22 102

Load # 223 Start 0037 End 0101 Dump 0256

Location (lat/long, stations) 1040^{too} TO 1150^{too} Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.) 1-2' SEAS, 5 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead CLAY, Deflector

Port Inflow, Fore NEEDLE FISH, Mid

Port Inflow, Aft PIPE,

Stbd Inflow, Fore CLOTHING Mid

Stbd Inflow, Aft

Port Overflow Primary Secondary

Stbd Overflow Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer's name duty

Dredge: Gravel

Date: 10 122 1 02

Weather (wind dir. beaufort, sea state, temp, etc.) _____

Observer's name: CHRIS RYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 22 / 02

Load # 225 Start 0950 End 1014 Dump 1213

Location (lat/long, stations) 1040⁰⁰ to 1150⁰⁰ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.) 1-2' SEAS, 5 KTS, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Star Draghead Deflector

Port Inflow, Fore METAL & CLAY Mid

Port Inflow, Aft

Star Inflow, Fore Mid

Star Inflow, Aft

Port Overflow, Primary Secondary

Star Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty GIS TFE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 22 / 02

Load # 226 Start 1502 End 1525 Dump 1730

Location (lat/long. stations) 1040⁰⁰ TO 1150⁰⁰ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore CLOTHING Mid

Port Inflow, Aft CLAY

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow Primary Secondary

Stbd Overflow Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty GUS FLYE

Observation duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Survivient

Project: MOBILE

Date: 10/23/02

Load # 228 Start 2340 End 0002 Dump 0246

Location (lat/long, stations) 1040⁰⁰ to 1150⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore Net, pipe & clay Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty GTS TFE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: SHYVRESANT

Project: MORILE

Date: 10 / 23 / 02

Load # 229 Start 0423 End 0457 Dump 0704

Location (lat/long, stations) 1040⁺00 TO 1150⁺00 Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) OVERCAST, 2-3'SSAS, 5-10KTS, COLD

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow, Fore SPEAKER & CLAY Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid


Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty ALB TBE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10 / 23 / 02

Load # 230 Start 0927 End 0954 Dump 1145

Location (lat/long, stations) 1040⁰⁰ to 1150⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) RAIN, 2-3' seas, 5-10 KTS

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore BOOT, ROCK & Mid

Port Inflow, Aft CLAY

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty Chris Frye

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10/23/02

Load # 231 Start 1342 End 1406 Dump 1608

Location (lat/long, stations) 1040⁺ TO 1150⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore METAL PAN, ^s CLAY Mid

Port Inflow, Aft

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>T. TRUNCATUS</u>	<u>4-6</u>	<u>~1640 OUTSIDE CHANNEL</u>
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Observer's name/duty GER TRJE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10/23/02

Load # 232 Start 1802 End 1827 Dump 2031

Location (lat/long. stations) 1040⁺ to 1150⁺ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.) 2-3' seas, 5-10kts, cloudy

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES ~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow. Fore CLOTHING, WOOD & CLAY Mid

Port Inflow. Aft

Stbd Inflow. Fore Mid


Stbd Inflow. Aft

Port Overflow. Primary Secondary

Stbd Overflow. Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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<u></u>	<u></u>	<u></u>

Observer(s) on duty Eric Frye

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: SOUTHEAST

Project: MOBILE

Date: 10/24/02

Load # 233 Start 2309 End 2334 Dump 0181

Location (lat/long, stations) 1040⁰⁰ 96 1180⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.)

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore METAL LIGHT COVER, Mid

Port Inflow, Aft CRUSHING & CLAY

Stbd Inflow, Fore Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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<u></u>	<u></u>	<u></u>

Observer(s) on duty CRIS FORGE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STYRENE

Project: MOBILE

Date: 10/24/02

Load # 234 Start 0347 End 0459 Dump 0631

Location (lat/long, stations) 1040⁰⁰ TO 1150⁰⁰ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 5-10 KTS, CLOUDY

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow: Fore PLASTIC, WOOD, E Mid

Port Inflow: Aft CLAY

Stbd Inflow: Fore Mid

Stbd Inflow: Aft

Port Overflow: Primary Secondary

Stbd Overflow: Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty ERS FISKE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10/24/02

Load # 235 Start 0830 End 0855 Dump 1103

Location (lat/long, stations) 1040⁺ to 1150⁺ Tide Stage

Weather (wind dir, beaufort, sea state, temp, etc.) 2-3' SEAS, 5-10 KTS, P/C

Water Temp., Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore RUBBER HOSE, Mid

Port Inflow, Aft ROPE &

Stbd Inflow, Fore CLAY Mid

Stbd Inflow, Aft

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty CHRIS FRYE

Observer(s) on duty: EUR TS/RE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STYVEANT

Project: MORRIS

Date: 10/24/02

Load # 237 Start 1821 End 1845 Dump 2121

Location (lat/long, stations) 715⁺ to 775⁺ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.)

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species? YES NO

Note biological samples:

Port Draghead Deflector

Stbd Draghead Deflector

Port Inflow, Fore CRAB, DOT, BIG METAL Mid

Port Inflow, Aft SHRIMP

Stbd Inflow, Fore WOOD Mid

Stbd Inflow, Aft CLAY

Port Overflow, Primary Secondary

Stbd Overflow, Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty CHRIS FIVE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: STUYVESANT

Project: MOBILE

Date: 10/25/02

Load # 238 Start 2352 End 0017 Dump 0245

Location (lat/long, stations) 715⁺⁰⁰ to 775⁺⁰⁰ Tide Stage

Weather (wind dir. beaufort, sea state, temp, etc.) 2-3' seas, 5-10 kts, P/C

Water Temp.. Surface Below Mid-Depth

Are there incidents involving endangered or protected species?

YES

~~NO~~

Note biological samples:

Port Draghead Deflector 

Stbd Draghead Deflector

Port Inflow: Fore FIBERGLASS, WOOD Mid

Port Inflow: Aft CLAY

Stbd Inflow: Fore Mid

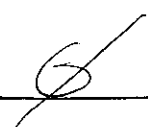
Stbd Inflow: Aft

Port Overflow: Primary Secondary

Stbd Overflow: Primary Secondary

Comments (material being dredged, effectiveness of screening, additional info on by-catch, incidents, etc.):

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
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Observer(s) on duty Chris Frye

Observer(s) on duty ALB FR/E